

=> d his

(FILE 'HOME' ENTERED AT 11:08:52 ON 28 JAN 2003)

FILE 'BIOSIS, MEDLINE, CAPLUS, PROMT' ENTERED AT 11:10:06 ON 28 JAN 2003
L1 433 S (LYCII FRUCT? OR L.FRUCT?)
L2 1857 S ANGELIC? GIGANT? OR A.GIGANT?
L3 162 S CNIDI? RHIZOM? OR C.RHIZOM?
L4 5395860 1 AND 2 AND 3
L5 1 S L1 AND L2 AND L3
L6 0 S L5 AND GINSENG

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 11:28:10 ON
28 JAN 2003

SEA CNIDI? (2A) RHIZOM? OR C.RHIZOM? OR CNIDI?

2 FILE ADISCTI
1 FILE ADISNEWS
30 FILE AGRICOLA
18 FILE ANABSTR
5 FILE AQUASCI
22 FILE BIOBUSINESS
249 FILE BIOSIS
16 FILE BIOTECHABS
16 FILE BIOTECHDS
14 FILE BIOTECHNO
138 FILE CABA
11 FILE CANCERLIT
398 FILE CAPLUS
3 FILE CONFSCI
15 FILE CROPU
16 FILE DDFB
108 FILE DDFU
16 FILE DRUGB
96 FILE DRUGLAUNCH
318 FILE DRUGMONOG2
119 FILE DRUGU
1 FILE EMBAL
126 FILE EMBASE
32 FILE ESBIOBASE
1 FILE FEDRIP
6 FILE FROSTI
7 FILE FSTA
53 FILE GENBANK
1 FILE HEALSAFE
21 FILE IFIPAT
111 FILE JICST-EPLUS
2 FILE KOSMET
19 FILE LIFESCI
87 FILE MEDLINE
1 FILE OCEAN
71 FILE PASCAL
6 FILE PROMT

104 FILE SCISEARCH
119 FILE TOXCENTER
106 FILE USPATFULL
3 FILE USPAT2
456 FILE WPIDS
456 FILE WPINDEX

L7 QUE CNIDI? (2A) RHIZOM? OR C.RHIZOM? OR CNIDI?

SEA ANGELIC? (2A) GIGANT? OR A.GIGANT?

1 FILE ADISNEWS
13 FILE AGRICOLA
47 FILE AQUASCI
8 FILE BIOBUSINESS
1 FILE BIOCOMMERCE
185 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
25 FILE BIOTECHNO
166 FILE CABA
42 FILE CANCERLIT
265 FILE CAPLUS
6 FILE CEABA-VTB
14 FILE CEN
30 FILE CIN
4 FILE CONFSCI
5 FILE CROPU
2 FILE DDFU
22 FILE DGENE
90 FILE DRUGLAUNCH
5 FILE DRUGU
1 FILE DRUGUPDATES
98 FILE EMBASE
25 FILE ESBIOTBASE
3 FILE FEDRIP
3 FILE FROSTI
3 FILE FSTA
4 FILE GENBANK
3 FILE HEALSAFE
83 FILE IFIPAT
90 FILE JICST-EPLUS
36 FILE LIFESCI
123 FILE MEDLINE
24 FILE NTIS
14 FILE OCEAN
78 FILE PASCAL
4 FILE PHARMAML
14 FILE PHIN
1285 FILE PROMT
139 FILE SCISEARCH
46 FILE TOXCENTER
232 FILE USPATFULL
5 FILE USPAT2
307 FILE WPIDS
307 FILE WPINDEX

L8 QUE ANGELIC? (2A) GIGANT? OR A.GIGANT?

SEA LYCI? (2A) FRUCT? OR L.FRUCT?

11 FILE ADISCTI
1 FILE ADISNEWS
19 FILE AGRICOLA
9 FILE ANABSTR
22 FILE BIOBUSINESS
132 FILE BIOSIS
104 FILE BIOTECHABS
104 FILE BIOTECHDS
18 FILE BIOTECHNO
42 FILE CABA
1 FILE CANCERLIT
287 FILE CAPLUS
14 FILE CEABA-VTB
1 FILE CIN
1 FILE CONFSCI
2 FILE CROPU
1 FILE DDFB
7 FILE DDFU
1 FILE DRUGB
10 FILE DRUGLAUNCH
21 FILE DRUGU
71 FILE EMBASE
30 FILE ESBIOWEBSITE
1 FILE FEDRIP
29 FILE FROSTI
75 FILE FSTA
26 FILE GENBANK
45 FILE IFIPAT
25 FILE JICST-EPLUS
28 FILE LIFESCI
66 FILE MEDLINE
3 FILE NTIS
50 FILE PASCAL
1 FILE PHAR
9 FILE PROMT
75 FILE SCISEARCH
49 FILE TOXCENTER
231 FILE USPATFULL
3 FILE USPAT2
3 FILE VETU
130 FILE WPIDS
130 FILE WPINDEX

L9 QUE LYCI? (2A) FRUCT? OR L.FRUCT?

SEA GINSENG? OR (ACANTHOPANAC? (2A) CORTEX?)

87 FILE ADISCTI
12 FILE ADISINSIGHT
43 FILE ADISNEWS
857 FILE AGRICOLA
203 FILE ANABSTR
12 FILE AQUASCI
608 FILE BIOBUSINESS
31 FILE BIOCOMMERCE
2729 FILE BIOSIS

330 FILE BIOTECHABS
330 FILE BIOTECHDS
235 FILE BIOTECHNO
1518 FILE CABA
215 FILE CANCERLIT
4798 FILE CAPLUS
37 FILE CEABA-VTB
6 FILE CEN
64 FILE CIN
89 FILE CONFSCI
10 FILE CROPB
94 FILE CROPUP
179 FILE DDFB
808 FILE DDFU
95 FILE DGENE
179 FILE DRUGB
876 FILE DRUGLAUNCH
2094 FILE DRUGMONOG2
3 FILE DRUGNL
856 FILE DRUGU
3 FILE DRUGUPDATES
26 FILE EMBAL
2025 FILE EMBASE
513 FILE ESBIOWBASE
32 FILE FEDRIP
79 FILE FOMAD
5 FILE FOREGE
397 FILE FROSTI
356 FILE FSTA
325 FILE GENBANK
8 FILE HEALSAFE
234 FILE IFIPAT
1173 FILE JICST-EPLUS
25 FILE KOSMET
219 FILE LIFESCI
1 FILE MEDICONF
1336 FILE MEDLINE
4 FILE NIOSHTIC
60 FILE NTIS
917 FILE PASCAL
6 FILE PHAR
7 FILE PHARMAML
71 FILE PHIN
4222 FILE PROMT
1821 FILE SCISEARCH
1326 FILE TOXCENTER
1055 FILE USPATFULL
39 FILE USPAT2
4 FILE VETB
11 FILE VETU
3643 FILE WPIDS
3643 FILE WPINDEX
L10 QUE GINSENG? OR (ACANTHOPANAC? (2A) CORTEX?)

SEA L10 AND L9 AND L8 AND L7

1 FILE IFIPAT

2 FILE USPATFULL
2 FILE WPIDS
2 FILE WPINDEX
L11 QUE L10 AND L9 AND L8 AND L7

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.15	68.80

STN INTERNATIONAL LOGOFF AT 11:47:53 ON 28 JAN 2003

\$%^STN;HighlightOn= *;HighlightOff=*** ;**

Welcome to STN International! Enter x:x

LOGINID: ssspta1651pxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * * * Welcome to STN
International * * * * * * * * * * * * *

NEWS 1 Web Page URLs for STN
Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help
around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and
Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications
available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com
available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now
available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress
(FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for
search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains
STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28,
2002;
valid
NEWS 14 Jul 29 Enhanced polymer searching
in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from
STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML)
- new on STN
NEWS 18 Aug 08 NTIS has been reloaded and
enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information
Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB
have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of
TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in
REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and
enhanced
NEWS 24 Sep 16 Experimental properties
added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-
1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus
available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with
Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search
fields

NEWS 30 Oct 24 Nutraceuticals International
(NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October
8, 2002
NEWS 32 Nov 18 DKILIT has been renamed
APOLLIT
NEWS 33 Nov 25 More calculated properties
added to REGISTRY
NEWS 34 Dec 02 TIBKAT will be removed from
STN
NEWS 35 Dec 04 CSA files on STN
NEWS 36 Dec 17 PCTFULL now covers WP/PCT
Applications from 1978 to date
NEWS 37 Dec 17 TOXCENTER enhanced with
additional content
NEWS 38 Dec 17 Adis Clinical Trials Insight
now available on STN

NEWS EXPRESS October 14 CURRENT WINDOWS
VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS
V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS
DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help
Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
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* * * * * * * * * * * * * * * STN Columbus * *

FILE 'HOME' ENTERED AT 10:59:40 ON 18 DEC 2002

=> index bioscience napralert

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
SINCE FILE TOTAL

| | |
|---------------------|---------|
| ENTRY | SESSION |
| FULL ESTIMATED COST | |
| 0.21 | 0.21 |

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI, BIOPUBLISHING,
BIOCOMMERCE, BIOSIS, BIOTECHABS,
BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,

CAPLUS, CEARA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...
ENTERED AT 10:59:49 ON 18 DEC 2002

65 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term
postings or to view
search error messages that display as 0* with
SET DETAIL OFF.

=> s wild(2a) ginseng

6 FILE AGRICOLA
1 FILE ANABSTR
1 FILE AQUASCI
4 FILE BIOBUSINESS
23 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
3 FILE BIOTECHNO
16 FILE CABA
1 FILE CANCERLIT
25 FILE CAPLUS
16 FILES SEARCHED...
2 FILE CONFSCI
4 FILE DDFU
1 FILE DRUGLAUNCH
1 FILE DRUGMONOG2
4 FILE DRUGU
29 FILES SEARCHED...
5 FILE EMBASE
4 FILE ESBIOBASE
2 FILE FEDRIP
1 FILE FROSTI
2 FILE FSTA
3 FILE IFIPAT
1 FILE JICST-EPLUS
2 FILE LIFESCI
8 FILE MEDLINE
49 FILES SEARCHED...
5 FILE PASCAL
42 FILE PROMT
8 FILE SCISEARCH
3 FILE TOXCENTER
6 FILE USPATFULL
27 FILE WPIDS
27 FILE WPINDEX
8 FILE NAPRALERT

33 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L1 QUE WILD(2A) GINSENG

=> s l1 and lycii

36 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L2 QUE L1 AND LYCII

=> s l2 and (cnidii or angelic? or cultivated
ginseng or cervie or royal jelly or honey or
glycyrrhizae or amomi or zizyphi or paeonia?)
-----User Break----->

=> s l1 and (cnidii or angelic? or cultivated
ginseng or cervie or royal jelly or honey or
glycyrrhizae or amomi or zizyphi or paeonia?)

2 FILE BIOBUSINESS
3 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
3 FILE CABA
6 FILE CAPLUS
2 FILE DDFU
23 FILES SEARCHED...
2 FILE DRUGU
1 FILE EMBASE
1 FILE FEDRIP
1 FILE FROSTI
1 FILE FSTA
38 FILES SEARCHED...
2 FILE MEDLINE
6 FILE PROMT
3 FILE USPATFULL
61 FILES SEARCHED...
6 FILE WPIDS
6 FILE WPINDEX
1 FILE NAPRALERT

18 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L3 QUE L1 AND (CNIDII OR ANGELIC? OR
CULTIVATED GINSENG OR CERVIE OR ROYAL JE
LLY OR HONEY OR GLYCRRHIZAE OR AMOMI
OR ZIZYPHI OR PAEONIA?)

=> s l1 and (rehmanniae or polygoni or
adenophorae or liriopis or asparagi or
polygonati or testudi or morinda? or epiped?
or eucommia? or ciboti? or cordycep?)

27 FILES SEARCHED...
2 FILE PROMT
55 FILES SEARCHED...
1 FILE WPIDS
1 FILE WPINDEX

3 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L4 QUE L1 AND (REHMANNIAE OR POLYGONI OR
ADENOPHORAE OR LIRIOPIS OR ASPARAGI
OR POLYGONATI OR TESTUDI OR MORINDA?
OR EPIDED? OR EUCOMMIA? OR CIBOTI
? OR CORDYCEP?)

=> s l3 and l4

24 FILES SEARCHED...
45 FILES SEARCHED...
1 FILE PROMT

1 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L5 QUE L3 AND L4

=> s l3 or l4

2 FILE BIOBUSINESS
3 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS

```

3  FILE CABA
6  FILE CAPLUS
2  FILE DDFU
25 FILES SEARCHED...
2  FILE DRUGU
1  FILE EMBASE
1  FILE FEDRIP
1  FILE FROSTI
1  FILE FSTA
2  FILE MEDLINE
52 FILES SEARCHED...
7  FILE PROMT
3  FILE USPATFULL
7  FILE WPIDS
7  FILE WPINDEX
1  FILE NAPRALERT

```

18 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L6 QUE L3 OR L4

=> d rank

| | | |
|-----|---|-------------|
| F1 | 7 | PROMT |
| F2 | 7 | WPIDS |
| F3 | 7 | WPINDEX |
| F4 | 6 | CAPLUS |
| F5 | 3 | BIOSIS |
| F6 | 3 | CABA |
| F7 | 3 | USPATFULL |
| F8 | 2 | BIOBUSINESS |
| F9 | 2 | DDFU |
| F10 | 2 | DRUGU |
| F11 | 2 | MEDLINE |
| F12 | 1 | BIOTECHABS |
| F13 | 1 | BIOTECHDS |
| F14 | 1 | EMBASE |
| F15 | 1 | FEDRIP |
| F16 | 1 | FROSTI |
| F17 | 1 | FSTA |
| F18 | 1 | NAPRALERT |

=> fil f4-f6, f8-f1118

'F8-F1118' EXCEEDS F# RANGE 'F1-F65'
ENTER A FILE NAME OR (IGNORE):f18

COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
15.90 16.11

FILE 'CAPLUS' ENTERED AT 11:17:51 ON 18 DEC
2002
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FILE 'NAPRALERT' ENTERED AT 11:17:51 ON 18 DEC
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=> s 16

L7 13 L6

=> fil f4-f6, f8-f18

COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
47.86 63.97

FILE 'CAPLUS' ENTERED AT 11:18:26 ON 18 DEC
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FILE 'BIOBUSINESS' ENTERED AT 11:18:26 ON 18
DEC 2002
COPYRIGHT (C) 2002 Biological Abstracts, Inc.
(BIOSIS)

FILE 'DDFU' ENTERED AT 11:18:26 ON 18 DEC 2002
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FILE 'DRUGU' ACCESS NOT AUTHORIZED

FILE 'MEDLINE' ENTERED AT 11:18:26 ON 18 DEC
2002

FILE 'BIOTECHABS' ENTERED AT 11:18:26 ON 18
DEC 2002
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FILE 'BIOTECHDS' ACCESS NOT AUTHORIZED

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2002

FILE 'FROSTI' ENTERED AT 11:18:26 ON 18 DEC
2002
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Association

FILE 'FSTA' ENTERED AT 11:18:26 ON 18 DEC 2002

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2002

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=> s 16

L8 24 L6

=> dup rem 18

DUPLICATE IS NOT AVAILABLE IN 'FEDRIP'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED
UNIQUE

PROCESSING COMPLETED FOR L8

L9 18 DUP REM L8 (6 DUPLICATES
REMOVED)

=> d 19 1-5 all

L9 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2002
ACS DUPLICATE 1
AN 2002:924549 CAPLUS
TI DNA extraction and RAPD analysis for
identification of ***wild***
mountain ***ginseng*** and
cultivated ***ginseng***
IN Wang, Shuwen; Ding, Jianmi; Mei, Qichun
PA Shenxiang Shenrong Branch, Shanghai
Medicinal Materials Co., Ltd., Peop.
Rep. China
SO Faming Zhanli Shengqing Gongkai
Shuomingshu, 10 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
IC ICM C12Q001-68
CC 3-1 (Biochemical Genetics)
Section cross-reference(s): 11, 1
FAN.CNT 1
PATENT NO. KIND DATE
APPLICATION NO. DATE
----- ----- ---
PI CN 1337470 A 20020227 CN
2000-119569 20000804
AB The invention relates methods for DNA
extn. and RAPD anal. for
identification of ***wild*** mountain
ginseng and
cultivated ***ginseng*** .
The 20 PCR primers are provided.
ST Panax pseudoginseng identification PCR
primer RAPD analysis
IT Gel electrophoresis
Ginseng (Panax pseudoginseng)
PCR (polymerase chain reaction)
RAPD analysis
(DNA extn. and RAPD anal. for
identification of ***wild*** mountain
ginseng and ***cultivated***
ginseng)
IT DNA
RL: ANT (Analyte); BUU (Biological use,
unclassified); ANST (Analytical

study); BIOL (Biological study); USES
(Uses)

(DNA extn. and RAPD anal. for
identification of ***wild*** mountain
ginseng and ***cultivated***
ginseng)
IT Extraction
(DNA from ginseng; DNA extn. and RAPD
anal. for identification of
wild mountain ***ginseng***
and ***cultivated***
ginseng)
IT Primers (nucleic acid)
RL: ARG (Analytical reagent use); BUU
(Biological use, unclassified); PRP
(Properties); ANST (Analytical study);
BIOL (Biological study); USES
(Uses)
(for ginseng identification; DNA extn.
and RAPD anal. for
identification of ***wild***
mountain ***ginseng*** and
cultivated ***ginseng***)
IT 476381-57-4 476381-58-5 476381-59-6
476381-60-9 476381-61-0
476381-62-1 476381-63-2 476381-64-3
476381-65-4 476381-66-5
476381-67-6 476381-68-7 476381-69-8
476381-70-1 476381-71-2
476381-72-3 476381-73-4 476381-74-5
476381-75-6 476381-76-7
RL: ARG (Analytical reagent use); BUU
(Biological use, unclassified); PRP
(Properties); ANST (Analytical study);
BIOL (Biological study); USES
(Uses)
(primer; DNA extn. and RAPD anal. for
identification of ***wild***
mountain ***ginseng*** and
cultivated ***ginseng***)

L9 ANSWER 2 OF 18 DDFU COPYRIGHT 2002

THOMSON DERWENT
AN 2002-35496 DDFU P
TI Hepatoprotective ability of a novel
botanical formulation on mild liver
injury in rats produced by acute
acetaminophen and/or alcohol ingestion.
AU Echard B W; Talpur N A; Fan A Y; Bagchi
D; Preuss H G
LO Washington, D.C.; Omaha, Neb., USA
SO Res.Commun.Mol.Pathol.Pharmacol. (110,
No. 1-2, 73-85, 2002) 6 Fig. 2
Tab. 31 Ref.
CODEN: RCMPE ISSN: 1078-0297
AV Georgetown University Medical Center,
Med-Dent Bldg., Rm. 103SE, 3900
Reservoir Rd. NW, Washington DC 20007,
U.S.A. (H.G.P.). (e-mail:
preusshg@georgetown.edu).
LA English
DT Journal
AB P.o. treatment with a novel botanical
formulation consisting of a
combination of medicinal herbs reversed
p.o. ethyl alcohol (EA) and p.o.
acetaminophen (AC, paracetamol)-induced
increases in AST and ALT in rats.
The novel botanical formulation
consisted of a mixture of 2 capsules,

designated as red and white capsules. The red capsule consisted of *Momordica charantia*, *Grataegus pinnatifida*, *Phaseolus radiatus* (150 mg), *Hordeum vulgare*, *Poria cocos* Wolf, and *Ziziphus jujuba* Mill. The white capsule consisted of Swedish Flower Pollen Extract (Cernitin T40), ***Royal*** ***Jelly*** Extract, and ***Wild*** ***Ginseng*** Extract. Results suggest that oral ingestion of the novel botanical formulation presented in this study is effective in reducing AC- and EA-induced hepatotoxicity.

SH P Pharmacology
 CC 16 Gastrointestinal
 CT HEPATOPATHY *OC; PARACETAMOL *RC;
 ETHYL-ALCOHOL *RC; P.O. *FT; COMB.
 *FT; CAPSULE *FT; EC-2.6.1.1 *FT; EC-
 2.6.1.2 *FT; RAT *FT;
 HEPATOTROPIC *FT; PHARM. PREP. *FT;
 ASPARTATE-AMINOTRANSFERASE *FT;
 ALANINE-AMINOTRANSFERASE *FT;
 LAB. ANIMAL *FT
 [01] MORMORDICA *FT; CHARANTIA *FT;
GRATAEGUS *FT; PINNATIFIDA *FT;
PHASEOLUS *FT; RADIATUS *FT; HORDEUM
 *FT; VULGARE *FT; PORIA *FT;
COCOS *FT; ZIZIPHUS *FT; JUJUBA *FT;
 POLLEN *FT; EXTRACT *FT;
 PLANT-SUBSTANCE *FT; BOTANY *FT;
 BOTANY *FT; BOTANY *FT; BOTANY *FT;
 PH *FT
 [02] ***ROYAL*** - ***JELLY*** *PH;
 ROYALJELL *RN; PH *FT
 [03] GINSENG *PH; GINSENG *RN; PH *FT
 FA AB; LA; CT
 FS Literature

L9 ANSWER 3 OF 18 MEDLINE
 AN 2001670196 IN-PROCESS
 DN 21572625 PubMed ID: 11715197
 TI Comparative effects of decreasing viscosity in different preparations of Chinese ***angelica*** root and ginseng.
 AU Li W; Wu Y; Cai S; Tang C
 CS Guangzhou University of Traditional Chinese Medicine, Guangzhou 510405.
 SO CHUNG YAO TSAI [JOURNAL OF CHINESE MEDICINAL MATERIALS], (2001 Aug) 24 (8)
 581-3.
 Journal code: 9426370. ISSN: 1001-4454.
 CY China
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Chinese
 FS IN-PROCESS; NONINDEXED; Priority Journals
 ED Entered STN: 20011122
 Last Updated on STN: 20021211
 AB OBJECTIVE: To compare the effects of different preparations of Chinese angelica root and ginseng on decreasing whole blood viscosity and plasma viscosity in rats. METHOD: The hemorheological method was used in vivo or in vitro and a Decreasing Viscosity Index (DIV) was defined as a comparative scalar. RESULTS: In the effect of the groups of Chinese

angilica root on decreasing viscosity, the effect of whole root group was the best and the effect of main root group was better than that of the tributary root group. Meanwhile the same effect of transplant ***wild*** ***ginseng*** group was greater than that of dried raw ginseng group.
 CONCLUSION: This work provided some fundamental evidences for clinical application and pharmacological data for the quality evaluation.

L9 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2002
 ACS DUPLICATE 2
 AN 2000:878645 CAPLUS
 DN 134:197921
 TI Triterpene glycosides from ***wild*** and ***cultivated*** ***ginseng*** occurring in maritime territory: chemical characterization, comparative quantitative analysis, and biological activity study
 AU Uvarova, N. I.; Makhan'kova, V. V.; Malinovskaya, G. V.; Samoshina, N. F.; Atopkina, L. N.; Likhatskaya, G. N.; Kim, N. Yu.; Anisimov, M. M.; Elyakov, G. B.
 CS Pacific-Ocean Institute of Bioorganic Chemistry, Far-East Division, Russian Academy of Sciences, Vladivostok, Russia
 SO Pharmaceutical Chemistry Journal (Translation of Khimiko-Farmatsevticheskii Zhurnal) (2000), 34(3), 122-129
 CODEN: PCJOAU; ISSN: 0091-150X
 PB Consultants Bureau
 DT Journal
 LA English
 CC 63-4 (Pharmaceuticals)
 AB A comparative quant. HPLC anal. of samples of wild-growing and ***cultivated*** ***ginseng*** of different districts of the Russian maritime territory was performed depending on the site of occurrence and the year of collection. According to 1H and 13C NMR data, a total of 13 compds. isolated were identical to the corresponding ginsenosides previously obtained from *Panax ginseng* and *P. notoginseng* from Japan. The content of individual ginsenosides in ***wild*** -growing ***ginseng*** roots showed approx. the same pattern of variation. No difference in ginsenoside compn. between ***wild*** and ***cultivated*** ***ginseng*** roots was found. The compn. of ginsenosides isolated from the roots of maritime ginseng differed from that found in both wild-growing and cultivated *P. ginseng* occurring in Japan and China. This evidenced the uniqueness of the Russian ginseng species left intact by nature. A total glycoside fraction produced a

double effect in a model of induced
 oxidn., acting as prooxidants at low
 concn. and as antioxidants at a concn. of
 50-100 .mu.M, showing activity
 comparable with that of tocopherol
 acetate and ionol. The membranotropic
 activity of glycosides was measured also.
 ST ginseng ginsenoside antioxidant HPLC
 Russia
 IT Triterpenes
 RL: BAC (Biological activity or effector,
 except adverse); BOC (Biological
 occurrence); BSU (Biological study,
 unclassified); BIOL (Biological
 study); OCCU (Occurrence)
 (glycosides; triterpene glycosides
 from ***wild*** and
 cultivated ***ginseng***
 occurring in maritime territory)
 IT Plant (Embryophyta)
 (medicinal; triterpene glycosides from
 wild and
 cultivated ***ginseng***
 occurring in maritime territory)
 IT Antioxidants
 Ginseng (Panax notoginseng)
 Ginseng (Panax pseudoginseng)
 (triterpene glycosides from
 wild and ***cultivated***
 ginseng occurring in maritime
 territory)
 IT Glycosides
 RL: BAC (Biological activity or effector,
 except adverse); BOC (Biological
 occurrence); BSU (Biological study,
 unclassified); BIOL (Biological
 study); OCCU (Occurrence)
 (triterpenoid; triterpene glycosides
 from ***wild*** and
 cultivated ***ginseng***
 occurring in maritime territory)
 IT 508-02-1 11021-13-9 11021-14-0
 14197-60-5 22427-39-0 30636-90-9
 34080-08-5 34291-22-0 34367-04-9
 39262-14-1 41753-43-9
 52286-58-5 52286-59-6 52286-74-5
 52705-93-8 53963-43-2
 62025-49-4 63223-86-9 69987-14-0
 78214-33-2 80418-25-3
 80930-74-1 327155-76-0
 RL: BAC (Biological activity or effector,
 except adverse); BOC (Biological
 occurrence); BSU (Biological study,
 unclassified); BIOL (Biological
 study); OCCU (Occurrence)
 (triterpene glycosides from
 wild and ***cultivated***
 ginseng occurring in maritime
 territory)
 RE.CNT 33 THERE ARE 33 CITED REFERENCES
 AVAILABLE FOR THIS RECORD
 RE
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 V10(11 - 12), P16
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 P883 CAPLUS
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 - (20) Malinovskaya, G; Khim Prir Soedin 1992, 6, P686 CAPLUS
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- L9 ANSWER 5 OF 18 BIOSIS COPYRIGHT 2002
 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 3
 AN 2000:356622 BIOSIS
 DN PREV200000356622
 TI Chemical characteristics, comparative quantitative determination and biological activity of triterpene glycosides from ***wild*** and

cultivated ***ginseng***
 Panax ginseng growing in Primorsky
 Krai.
 AU Uvarova, N. I.; Makhan'kov, V. V.;
 Malinovskaya, G. V.; Samoshina, N. F.;
 Atopkina, L. N.; Likhatskaya, G. N.; Kim,
 N. Yu.; Anisimov, M. M.;
 Elyakov, G. B.
 SO Khimiko-Farmatsevticheskii Zhurnal,
 (March, 2000) Vol. 34, No. 3, pp.
 19-25. print.
 ISSN: 0023-1134.
 DT Article
 LA Russian
 SL English
 CC Cytology and Cytochemistry - Animal
 *02506
 Blood, Blood-Forming Organs and Body
 Fluids - Blood and Lymph Studies
 *15002
 Blood, Blood-Forming Organs and Body
 Fluids - Blood Cell Studies *15004
 Pharmacognosy and Pharmaceutical Botany
 *54000
 BC Araliaceae 25590
 Muridae 86375
 IT Major Concepts
 Pharmacognosy (Pharmacology)
 IT Parts, Structures, & Systems of Organisms
 erythrocytes: blood and lymphatics
 IT Chemicals & Biochemicals
 protopanaxadiol; triterpene glycoside:
 biological activity, chemical
 characteristics, comparative
 quantitative determination, isolation
 IT Methods & Equipment
 HPLC [high performance liquid
 chromatography]: analytical method,
 liquid chromatography
 IT Miscellaneous Descriptors
 antioxidant activity; membranotropin:
 activity
 GT Primorsky Krai (Russia, Palearctic
 region)
 ORGN Super Taxa
 Araliaceae: Dicotyledones,
 Angiospermae, Spermatophyta, Plantae;
 Muridae: Rodentia, Mammalia,
 Vertebrata, Chordata, Animalia
 ORGN Organism Name
 Panax ginseng (Araliaceae); mouse
 (Muridae)
 ORGN Organism Superterms
 Angiosperms; Animals; Chordates;
 Dicots; Mammals; Nonhuman Mammals;
 Nonhuman Vertebrates; Plants; Rodents;
 Spermatophytes; Vascular Plants;
 Vertebrates
 RN 7755-01-3 (PROTOPANAXADIOL)

=> d 19 6-12 all

L9 ANSWER 6 OF 18 FROSTI COPYRIGHT 2002
 LFRA
 AN 549529 FROSTI
 TI Gnarly ***ginseng*** commands
 wild prices.
 AU Winter M.

SO Cornell Focus, 2000, (August), 9 (2),
 15-17 (0 ref.)
 Published by: College of Agriculture and
 Life Sciences, State University
 of New York, Cornell University
 Address: 273 Roberts Hall, Cornell
 University, Ithaca, NY 14853-4203, USA
 Telephone: +1 (607) 254 5137
 ISSN: 1067-585X
 DT Journal
 LA English
 SL English
 AB Real ginseng root, which has a dark,
 crooked, and gnarled appearance from
 growing in the root-entangling soils at
 the base of hardwood trees,
 commands a price premium over
 cultivated ***ginseng*** ,
 which is said to resemble a white
 carrot. Researchers with the Cornell
 Agroforestry Working Group are
 evaluating the integration of agriculture
 and forestry to enable cultivation of a
 more natural-like ginseng.
 Growing ginseng among sugar maple, black
 cherry, and yellow birch are
 illustrated as potential ways to achieve
 this.
 SH FRUIT AND VEGETABLE PRODUCTS
 CT APPEARANCE; CULTIVATION; DIETARY
 SUPPLEMENTS; DIETETIC FOODS; GINSENG;
 HORTICULTURE; IMPROVEMENTS; SENSORY
 PROPERTIES; VISUAL PROPERTIES;
 WILD ***GINSENG***
 DED 19 Apr 2001

 L9 ANSWER 7 OF 18 CABA COPYRIGHT 2002 CABI
 AN 1999:130439 CABA
 DN 990609813
 TI American ginseng production in woodlots
 AU Beyfuss, R. L.
 CS Cornell Cooperative Extension of Greene
 County, HCR 3, Box 906, Cairo, NY
 12413, USA.
 SO Agroforestry Notes, (1999) No. 14, pp. 4.
 Forest Farming - 3. 4 ref.
 Publisher: USDA National Agroforestry
 Center (NAC). Lincoln, Nebraska
 CY United States
 DT Miscellaneous
 LA English
 AB This note briefly describes the
 cultivation of American ginseng (*Panax*
 quinquefolium [*P. quinquefolius*]), in
 woodlots in the USA. The species is
 a medicinal herb growing as an
 understorey plant in dense shade provided
 by deciduous hardwoods, which is used in
 traditional Chinese medicine and
 exported from the USA and Canada. It is
 produced in woodlots either as
 'woods' ***cultivated***
 ginseng ' (ginseng grown in a
 forested environment in tilled beds under
 natural shade for 6-9 yr) or '
 wild simulated ***ginseng***'
 ' (grown in untilled soil in
 forests for 9-12 yr or longer). Both
 these types of ginseng production are
 potentially extremely profitable for
 landowners with suitable forest

stands (especially ***wild*** simulated ***ginseng*** whose roots closely approximate the appearance of true ***wild*** American ***ginseng***, an internationally protected species), while world market prices of field ***cultivated*** ***ginseng*** (raised in beds under artificial shade) have dropped to near the actual cost of production in recent years. The article discusses the legal constraints involved in ginseng production in the USA, pests, the native range of American ginseng, seed dormancy and stratification, site assessment and preparation, planting, maintenance, harvesting and drying, and economics and markets.
 CC KK600 Agroforestry; FF100 Plant Production; FF150 Plant Cropping Systems; EE200 Farming Systems and Management; EE700 Distribution and Marketing of Products; DD500 Laws and Regulations; PP720 Biological Resources (Plant); EE130 Supply, Demand and Prices
 GT USA
 BT Panax; Araliaceae; Apiales; dicotyledons; angiosperms; Spermatophyta; plants; North America; America; Developed Countries; OECD Countries
 CT agroforestry; agrosilvicultural systems; forests; protected species; cultural methods; markets; prices; constraints; agricultural law; geographical distribution; plant pests; seed dormancy; stratification; site class assessment; site preparation; tillage; planting; maintenance; harvesting; drying; medicinal plants; private forestry; traditional medicines; farm forestry; production possibilities
 ORGN Panax quinquefolius

L9 ANSWER 8 OF 18 BIOBUSINESS COPYRIGHT 2002 BIOSIS
 AN 1998:45509 BIOBUSINESS
 DN 0997332
 TI Thunderhead nectars.
 AU Anon
 SO New Product News, (1998) Vol.34, No.5, June, p.20.
 ISSN: 1048-020X.
 DT ARTICLE
 FS UNIQUE
 LA English
 CC 41100 FRUITS, NUTS & VEGETABLES
 ST NEW PRODUCT ANNOUNCEMENT BEVERAGE
 INDUSTRY BRAND NAME NEW PRODUCTS
 FRUIT JUICE INGREDIENT ***HONEY***
 VITAMINS HERBS VARIETIES
 STRAWBERRY-KIWI ORANGE-RASPBERRY APPLE-
 GINSENG ***WILD***
 GRAPE CRANBERRY-APPLE NATURAL PEACH
 TROPICAL FRUIT RETAIL PRICES
 CO THUNDERHEAD BEVERAGES, CINCINNATI, OH
 L9 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2002
 ACS DUPLICATE 4
 AN 1998:104684 CAPLUS

DN 128:178125
 TI Analysis of morphology and protein electrophoresis of ***wild*** and ***cultivated*** ***ginseng*** (Panax ginseng C. A. Mey.) seeds
 AU Zhang, Zhibe; Shi, Sixin; Xiao, Jianping
 CS Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences, Beijing, 100081, Peop. Rep. China
 SO Zhiwu Ziyuan Yu Huanjing (1997), 6(4), 19-23
 CODEN: ZZYHEJ; ISSN: 1004-0978
 PB Zhiwu Ziyuan Yu Huanjing Bianjibu
 DT Journal
 LA Chinese
 CC 11-1 (Plant Biochemistry)
 AB Morphol. and alc.-sol. protein electrophoresis patterns of ***wild*** and ***cultivated*** ***ginseng*** (Panax C. A. Mey.) seeds were compared and analyzed. There were significant differences in size, color, shape and surface sculpture of seed between ***wild*** and ***cultivated*** ***ginseng***. The pattern of protein bands and protein content of the same loci ginseng were less than those of cultivated ones, but polymorphism of the protein bands between wild seeds were present. It is confirmed that there is significant genetic difference between ***wild*** and ***cultivated*** ***ginseng***
 ST Panax ginseng seed morphol protein electrophoresis
 IT Proteins, general, biological studies
 RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence)
 (anal. of morphol. and protein electrophoresis of ***wild*** and ***cultivated*** ***ginseng*** (Panax ginseng C. A. Mey.) seeds)
 IT Cell morphology
 (seed of Panax ginseng; anal. of morphol. and protein electrophoresis of ***wild*** and ***cultivated*** ***ginseng*** (Panax ginseng C. A. Mey.) seeds)
 IT Ginseng (Panax pseudoginseng)
 (seed of; anal. of morphol. and protein electrophoresis of ***wild*** and ***cultivated*** ***ginseng*** (Panax ginseng C. A. Mey.) seeds)

L9 ANSWER 10 OF 18 CABO COPYRIGHT 2002 CABO
 AN 97:34716 CABO
 DN 970602316
 TI "Wild-simulated" forest farming for ginseng production
 AU Hankins, A.
 CS Virginia Cooperative Extension, Virginia State University, PO Box 9081, Petersburg, VA 23806, USA.

SO Temperate Agroforester, (1997) Vol. 5,
 No. 1, pp. 6-7.
 DT Journal
 LA English
 AB The dried roots of American ginseng
 (*Panax quinquefolius*) female from
 cultivated plants or collected from the
 wild - are exported on a wide
 scale from the USA to oriental countries,
 where the wild dried roots are
 preferred (and fetch a very much higher
 price) since they are more like
 wild Oriental ***ginseng***
 (*P. ginseng* [*P. pseudoginseng*]).

This short paper describes a method for
 cultivated
 ginseng which simulates
 wild conditions of growth, does
 not require fungicidal treatment (unlike
 the usual intensive cultivation
 method under artificial shade), has low
 establishment costs, and produces
 roots which command the same high prices
 as those from real ***wild***
 ginseng. Site selection is
 important - N. or E. facing slopes with
 at least a 75% shade canopy, preferably
 under deep rooted deciduous trees
 such as oaks [*Quercus*] and poplars
 [*Populus*], and in a moist well drained
 soil. Other ecological characteristics of
 the site, site preparation, and
 planting are briefly described. The roots
 are dug up 6-10 yr after
 planting, with no cultural work being
 required in the interim period.

Investment costs and marketing are
 outlined.

CC KK600 Agroforestry; FF150 Plant Cropping
 Systems; EE200 Farming Systems
 and Management; EE130 Supply, Demand and
 Prices; EE600 International Trade

GT USA
 BT Fagaceae; Fagales; dicotyledons;
 angiosperms; Spermatophyta; plants;
 Salicaceae; Salicales; *Panax*; Araliaceae;
 Apiales; Developed Countries;
 North America; America; OECD Countries

CT agroforestry systems; woodlands; exports;
 prices; medicinal plants;
 vegetation types; deciduous forests;
 agroforestry; agrosilvicultural
 systems

ORGN *Quercus*; *Populus*; *Panax quinquefolius*

L9 ANSWER 11 OF 18 BIOBUSINESS COPYRIGHT
 2002 BIOSIS
 AN 93:11745 BIOBUSINESS
 DN 0510391
 TI ***Wild*** -simulated ***ginseng***
 cultivation: Home-grown ginseng
 can be worth as much as wild.

AU HANKINS A
 SO BUSINESS OF HERBS, (1993) VOL.11, NO.1,
 March-April, P.32-35.

FS UNIQUE
 LA ENGLISH
 AB In 1988, a pound of ***wild***
 ginseng roots sold for \$280
 compared to \$30 per pound for
 cultivated ***ginseng***

roots. ***Wild*** -simulated
 ginseng cultivation, not without
 risk, can be done without using
 fungicides and expensive startup costs and
 can command prices comparable to
 wild ***ginseng***.

CC 21100 PHARMACOLOGY & CHEMOTHERAPY; 21300
 NATURAL PRODUCTS; 62200 CROP
 PRODUCTION

ST AGRICULTURE; CROP INDUSTRY; HERBS &
 SPICES; TRADITIONAL MEDICINE;
 PHARMACEUTICALS; MARKET PRICE;
 CULTIVATION GUIDELINES; STARTUP COST;
 FUNGICIDE FREE; USA

L9 ANSWER 12 OF 18 FSTA COPYRIGHT 2002
 IFIS

AN 1994(03):H0051 FSTA
 TI [Composition of mineral components of
 ginseng on age and cultivated area.]
 AU Byeong-Seon Jeon; Jai-Won Yang; Chae-Kyu
 Park; Sung-Ryong Ko; Horino, T.;
 Jong-Rok Son; Won-Jong Park

CS Korea Ginseng & Tobacco Res. Inst.,
 Daejeon 305-345, Korea

SO Journal of the Korean Society of Food and
 Nutrition, (1993), 22 (5)
 592-595, 21 ref.

DT Journal
 LA Korean
 SL English
 AB Effects of area of cultivation (4 Korean
 provinces were studied) and age
 (2-6 yr) on the mineral composition of
 ginseng were investigated. Mineral
 composition of ginseng was determined by
 AAS. Mn.sup.2.sup.+ content of
 5-yr old ginseng was 4 fold greater than
 that of 2-yr old ginseng.
 Ca.sup.2.sup.+ and Mn.sup.2.sup.+
 contents of ginsengs studied were
 variable; this variability was not
 evident in the P content of ginseng.
 Mineral composition of ***ginseng***
 (red, ***wild*** and
 cultivated ***ginseng***)
 cultivated in Korea, China, Canada
 and the USA were compared. Korean red
 ginseng had the highest Mn content
 (8.29 mg/100 g). Higher P contents were
 also observed in Korean ginsengs.
 [From En summ.]

CC H (Alcoholic and Non-Alcoholic Beverages)
 CT AGRICULTURE; BEVERAGES; CULTIVATION;
 GINSENG; MINERALS

=> d 19 12-20

L9 ANSWER 12 OF 18 FSTA COPYRIGHT 2002
 IFIS

AN 1994(03):H0051 FSTA
 TI [Composition of mineral components of
 ginseng on age and cultivated area.]
 AU Byeong-Seon Jeon; Jai-Won Yang; Chae-Kyu
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 Jong-Rok Son; Won-Jong Park

CS Korea Ginseng & Tobacco Res. Inst.,
 Daejeon 305-345, Korea

SO Journal of the Korean Society of Food and
 Nutrition, (1993), 22 (5)
 592-595, 21 ref.
 DT Journal
 LA Korean
 SL English
 L9 ANSWER 13 OF 18 MEDLINE
 AN 90148093 MEDLINE
 DN 90148093 PubMed ID: 2619887
 TI Study on the biological nature of ginseng
 pearl knot.
 AU Li M; Li R J; Liu M Y
 SO CHUNG-KUO CHUNG YAO TSA CHIH CHINA
 JOURNAL OF CHINESE MATERIA MEDICA,
 (1989 Nov) 14 (11) 654-5, 701.
 Journal code: 8913656. ISSN: 1001-5302.
 CY China
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Chinese
 FS Priority Journals
 EM 199003
 ED Entered STN: 19900601
 Last Updated on STN: 19900601
 Entered Medline: 19900321
 L9 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2002
 ACS DUPLICATE 5
 AN 1990:175691 CAPLUS
 DN 112:175691
 TI Comparative analysis of trace elements in
 wild and
 cultivated ***ginseng***
 AU Wei, Yongjia; Wu, Guangxuan; Wang,
 Chunrong; Song, Changchun; Ma,
 Xingyuan; Xu, Jingda
 CS Dep. Chem., Norman Bethune Univ. Med.
 Sci., Changchun, Peop. Rep. China
 SO Baiqiuwen Yike Daxue Xuebao (1989), 15(5),
 478-80
 CODEN: PEIPDB; ISSN: 0253-3707
 DT Journal
 LA Chinese
 L9 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2002
 ACS
 AN 1990:33366 CAPLUS
 DN 112:33366
 TI Analysis of amino acid composition and
 total content of the ginsenoside in
 wild and cultivated ginsengs
 AU Zhao, Zongjian
 CS Dep. Mol. Biol., Jilin Univ., Changchun,
 Peop. Rep. China
 SO Jilin Daxue Ziran Kexue Xuebao (1989),
 (3), 99-101
 CODEN: CLTTDI; ISSN: 0529-0279
 DT Journal
 LA Chinese
 L9 ANSWER 16 OF 18 BIOSIS COPYRIGHT 2002
 BIOLOGICAL ABSTRACTS INC.
 AN 1990:266143 BIOSIS
 DN BA90:8229
 TI STUDY ON THE BIOLOGICAL NATURE OF GINSENG
 PEARL KNOTS.
 AU LIU M; LI R; LIU M
 CS DEP. BIOL., HARBIN NORMAL UNIV., CHINA.
 SO CHINA J CHIN MATER MED, (1989) 14 (11),
 14-15, 61.
 CODEN: ZZZAE3.
 FS BA; OLD
 LA Chinese
 L9 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2002
 ACS
 AN 1989:21133 CAPLUS
 DN 110:21133
 TI Comparative analysis of the contents of
 ginseng saponins in
 wild ***ginseng*** and
 cultivated ***ginseng***
 AU Wu, Guangxuan; Wei, Yongdi; Song,
 Changchun; Wang, Chunrong; Ma, Xingyuan;
 Xu, Jingda; Zhang, Dexi; Jiang, Xikun
 CS Bethune Univ. Med. Sci., Changchun, Peop.
 Rep. China
 SO Yaoxue Tongbao (1988), 23(7), 397-8
 CODEN: YHTPAD; ISSN: 0512-7343
 DT Journal
 LA Chinese
 L9 ANSWER 18 OF 18 FEDRIP COPYRIGHT 2002
 NTIS
 AN 2002:108794 FEDRIP
 NR AGRIC 0174404
 TI WOODS ***CULTIVATED***
 GINSENG PANAX QUINQUEFOLIUM IN NY &
 THE NORTHEAST: SUSTAINABLE AGROFORESTRY
 SF Principal Investigator: (small scale
 operations)
 Buck, L. E.
 Lassoie, J. P.
 Mudge, K. W.
 CSP CORNELL UNIVERSITY, NATURAL RESOURCES,
 ITHACA, NEW YORK, 14853
 FU HATCH |c H
 FS Department of Agriculture
 => d 19 12-20 all
 L9 ANSWER 12 OF 18 FSTA COPYRIGHT 2002
 IFIS
 AN 1994(03):H0051 FSTA
 TI [Composition of mineral components of
 ginseng on age and cultivated area.]
 AU Byeong-Seon Jeon; Jai-Won Yang; Chae-Kyu
 Park; Sung-Ryong Ko; Horino, T.;
 Jong-Rok Son; Won-Jong Park
 CS Korea Ginseng & Tobacco Res. Inst.,
 Daejeon 305-345, Korea
 SO Journal of the Korean Society of Food and
 Nutrition, (1993), 22 (5)
 592-595, 21 ref.
 DT Journal
 LA Korean
 SL English
 AB Effects of area of cultivation (4 Korean
 provinces were studied) and age
 (2-6 yr) on the mineral composition of
 ginseng were investigated. Mineral
 composition of ginseng was determined by
 AAS. Mn.sup.2.sup.+ content of
 5-yr old ginseng was 4 fold greater than
 that of 2-yr old ginseng.
 Ca.sup.2.sup.+ and Mn.sup.2.sup.+
 contents of ginsengs studied were
 variable; this variability was not
 evident in the P content of ginseng.

Mineral composition of ***ginseng*** (red, ***wild*** and ***cultivated*** ***ginseng***). cultivated in Korea, China, Canada and the USA were compared. Korean red ginseng had the highest Mn content (8.29 mg/100 g). Higher P contents were also observed in Korean ginsengs.
[From En summ.]

CC H (Alcoholic and Non-Alcoholic Beverages)
CT AGRICULTURE; BEVERAGES; CULTIVATION;
GINSENG; MINERALS

L9 ANSWER 13 OF 18 MEDLINE
AN 90148093 MEDLINE
DN 90148093 PubMed ID: 2619887
TI Study on the biological nature of ginseng pearl knot.
AU Li M; Li R J; Liu M Y
SO CHUNG-KUO CHUNG YAO TSA CHIH CHINA
JOURNAL OF CHINESE MATERIA MEDICA,
(1989 Nov) 14 (11) 654-5, 701.
Journal code: 8913656. ISSN: 1001-5302.
CY China
DT Journal; Article; (JOURNAL ARTICLE)
LA Chinese
FS Priority Journals
EM 199003
ED Entered STN: 19900601
Last Updated on STN: 19900601
Entered Medline: 19900321
AB Pearl knots of the root system of ***cultivated*** ***ginseng*** in different ages and different development stages were studied and compared with ***wild*** ***ginseng***. It has been found that the biological nature of pearl knots is the foundation of seasonal absorbing root of ginseng. It is pointed out that to remove the cold-proof matter later and keep suitable soil water in spring are important to prevent cold injury and promote growth of root system of ginseng. Key words ginseng; pearl knot; seasonal absorbing root
CT Check Tags: Comparative Study
English Abstract
*Panax: GD, growth & development
Panax: UL, ultrastructure
*Plants, Medicinal
Seasons

L9 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2002
ACS DUPLICATE 5
AN 1990:175691 CAPLUS
DN 112:175691
TI Comparative analysis of trace elements in ***wild*** and ***cultivated*** ***ginseng***
AU Wei, Yongjia; Wu, Guangxuan; Wang, Chunrong; Song, Changchun; Ma, Xingyuan; Xu, Jingda
CS Dep. Chem., Norman Bethune Univ. Med. Sci., Changchun, Peop. Rep. China
SO Baiqiu Yike Daxue Xuebao (1989), 15(5), 478-80
CODEN: PEIPDB; ISSN: 0253-3707
DT Journal
LA Chinese
CC 11-1 (Plant Biochemistry)

Section cross-reference(s): 63
AB Contents of trace elements were generally higher in the root of ***wild*** ***ginseng*** (Panax ***ginseng***) than in its cultivated counterpart. The contents of 17 elements in rhizome, root, and root hair of ***wild*** and ***cultivated*** ***ginseng*** are tabulated.
ST Panax trace element
IT Mineral elements
Trace elements, biological studies
RL: BIOL (Biological study)
(in ***wild*** and ***cultivated*** ***ginseng***)
IT Ginseng
(P. pseudoginseng, trace elements of wild and cultivated)
IT 7429-90-5, Aluminum, biological studies
7439-89-6, Iron, biological studies 7439-95-4, Magnesium, biological studies 7439-96-5, Manganese, biological studies 7440-02-0, Nickel, biological studies 7440-09-7, Potassium, biological studies 7440-23-5, Sodium, biological studies 7440-24-6, Strontium, biological studies 7440-32-6, Titanium, biological studies 7440-39-3, Barium, biological studies 7440-47-3, Chromium, biological studies 7440-48-4, Cobalt, biological studies 7440-50-8, Copper, biological studies 7440-62-2, Vanadium, biological studies 7440-66-6, Zinc, biological studies 7440-70-2, Calcium, biological studies 7723-14-0, Phosphorus, biological studies
RL: BIOL (Biological study)
(in ***wild*** and ***cultivated*** ***ginseng***)

L9 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2002
ACS
AN 1990:33366 CAPLUS
DN 112:33366
TI Analysis of amino acid composition and total content of the ginsenoside in wild and cultivated ginsengs
AU Zhao, Zongjian
CS Dep. Mol. Biol., Jilin Univ., Changchun, Peop. Rep. China
SO Jilin Daxue Ziran Kexue Xuebao (1989), (3), 99-101
CODEN: CLTTDI; ISSN: 0529-0279
DT Journal
LA Chinese
CC 11-1 (Plant Biochemistry)
Section cross-reference(s): 26
AB ***Wild*** ***ginseng*** contained 20-55% higher levels of saponins (ginsenosides) than ***cultivated*** ***ginseng***. The amino acid compn. and protein contents in ***wild*** and ***cultivated*** ***ginseng*** are tabulated. ***Wild*** and ***cultivated*** ***ginseng*** contained 6.99-9.43 and 7.04% (dry wt.) proteins, resp.

ST ginseng ginsenoside protein amino acid
 IT Amino acids, biological studies
 Proteins, biological studies
 RL: BIOL (Biological study)
 (of ***wild*** and
 cultivated ***ginseng***)
 IT ***Ginseng***
 (***wild*** and cultivated,
 ginsenosides and amino acids of)
 IT Glycosides
 RL: BIOL (Biological study)
 (ginsenosides, of ***wild*** and
 cultivated
 ginseng)

L9 ANSWER 16 OF 18 BIOSIS COPYRIGHT 2002
 BIOLOGICAL ABSTRACTS INC.
 AN 1990:266143, BIOSIS
 DN BA90:8229
 TI STUDY ON THE BIOLOGICAL NATURE OF GINSENG
 PEARL KNOTS.
 AU LIU M; LI R; LIU M
 CS DEP. BIOL., HARBIN NORMAL UNIV., CHINA.
 SO CHINA J CHIN MATER MED, (1989) 14 (11),
 14-15, 61.
 CODEN: ZZZAE3.
 FS BA; OLD
 LA Chinese
 AB Pearl knots of the root system of
 cultivated ***ginseng***
 in different ages and different
 development stages were studied and
 compared and compared with ***wild***
 ginseng . It has been
 found that the biological nature of pearl
 knots is the foundation of
 seasonal absorbing root of ginseng. It is
 pointed out that to remove the
 cold-proof matter later and keep suitable
 soil water in spring are
 important to prevent cold injury and
 promote growth of root system of
 ginseng.
 CC Physical Anthropology; Ethnobiology
 *05000
 Ecology; Environmental Biology -
 Bioclimatology and Biometeorology 07504
 Biochemical Studies - General 10060
 External Effects - Temperature as a
 Primary Variable - Cold 10616
 Pharmacology - General 22002
 Plant Physiology, Biochemistry and
 Biophysics - Water Relations *51502
 Plant Physiology, Biochemistry and
 Biophysics - Growth, Differentiation
 *51510
 Plant Physiology, Biochemistry and
 Biophysics - General and Miscellaneous
 *51526
 Agronomy - General, Miscellaneous and
 Mixed Crops *52502
 Pharmacognosy and Pharmaceutical Botany
 54000
 IT Miscellaneous Descriptors
 SEASONAL ABSORBING ROOT
 CULTIVATED ***GINSENG***
 WILD ***GINSENG*** COLD
 INJURY FOLK MEDICINE CHINA

L9 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2002
 ACS

AN 1989:21133 CAPLUS
 DN 110:21133
 TI Comparative analysis of the contents of
 ginseng saponins in
 wild ***ginseng*** and
 cultivated ***ginseng***
 AU Wu, Guangxuan; Wei, Yongdi; Song,
 Changchun; Wang, Chunrong; Ma, Xingyuan;
 Xu, Jingda; Zhang, Dexi; Jiang, Xikun
 CS Bethune Univ. Med. Sci., Changchun, Peop.
 Rep. China
 SO Yaoxue Tongbao (1988), 23(7), 397-8
 CODEN: YHTPAD; ISSN: 0512-7343
 DT Journal
 LA Chinese
 CC 11-1 (Plant Biochemistry)
 AB ***Wild*** and ***cultivated***
 ginseng (root) contained
 5.17-7.75% and 4.06-4.50% saponins,
 resp., and 3.26-4.99% and 2.39-2.60%
 total ginsenosides, resp. The
 ginsenoside compns. of 5 ginseng samples
 are reported.
 ST ginseng saponin ginsenoside
 IT Saponins
 RL: BIOL (Biological study)
 (from ***wild*** and
 cultivated ***ginseng***)
 IT Ginseng
 (saponins from)
 IT 11021-13-9, Ginsenoside Rb2 11021-14-0,
 Ginsenoside Rc 22427-39-0,
 Ginsenoside Rg1 41753-43-9, Ginsenoside
 Rb1 52286-58-5, Ginsenoside Rf
 52286-59-6, Ginsenoside Re 52286-74-5,
 Ginsenoside Rg2 52705-93-8,
 Ginsenoside Rd
 RL: BIOL (Biological study)
 (from ***wild*** and
 cultivated ***ginseng***)

L9 ANSWER 18 OF 18 FEDRIP COPYRIGHT 2002
 NTIS
 AN 2002:108794 FEDRIP
 NR AGRIC 0174404
 TI WOODS ***CULTIVATED***
 GINSENG PANAX QUINQUEFOLIUM IN NY &
 THE NORTHEAST: SUSTAINABLE AGROFORESTRY
 SF Principal Investigator: (small scale
 operations)
 Buck, L. E.
 Lassoie, J. P.
 Mudge, K. W.
 CSP CORNELL UNIVERSITY, NATURAL RESOURCES,
 ITHACA, NEW YORK, 14853
 FU HATCH |c H
 FS Department of Agriculture
 SUM Ginseng (Panax quinquefolium) Soil
 Characterization and Ecological
 Assessment: 1.1. To characterize the soil
 properties that ***wild***
 ginseng thrives in throughout
 NY State. 1.2 To characterize other
 key ecological attributes of the plant's
 native environment. Analysis of
 Ginsenosides in Cultivated and
 Wild American ***Ginseng*** ,
 Panax quinquefolium: 2.1. To develop a
 suitable protocol for quantitative
 and qualitative analysis of the 7 most
 common and most diagnostic

ginsenocides (Rg1, Re, Rf, Rb1, Rc, Rb2, Rd). 2.2. To determine relative concentrations of ginsenosides in American ginseng from intensively cultivated, woods-grown, and wild sources. 2.3. To determine whether the perception of higher quality and difference in price is related in any way to ginsenoside content. Prototype Cultivation Trials: 3.1. To assess the effect of strategically selected germplasm sources and cultural treatments on ginseng performance (growth, yield, ginsenocide content) in "prototype" forest beds. 3.2. To develop a woods ***cultivated*** ***ginseng*** demonstration models for observation and evaluation by growers and potential growers, promoters, and researchers engaged in the project's learning process. Market and Enterprise Analysis: 4.1. To characterize the market forces and enterprise decisions affecting participation in the woods ***cultivated*** ***ginseng*** industry. The project will employ an interdisciplinary, collaborative approach using ecological assessment, experimentation, case studies and informed participant interaction to advance learning about the potential for improving and expanding a woods ***cultivated*** ***ginseng*** industry in New York and the Northeast. PR we evaluated the ginsenosidal properties of American ginseng to determine the relative significance of genotype vs. environmental factors in the concentrations of these active ingredients in ginseng root. Our aim was to relate this information to variation in market price between woods grown and artificially shaded cultivation methods. The second line of inquiry involved assessing ecological site suitability for woods grown ginseng by examining site characteristics of wild populations, and by monitoring the performance of ginseng trials under different site conditions. An emphasis was on developing assessment protocols that educators and landowners could use in site selection. A third thrust of the research involved developing a system of learning about effective ginseng cultivation methods, and the economic viability of investing in ginseng production. The aim was to unite campus based professionals, field base educators, land owners and entrepreneurs in developing trials that could be systematically monitored for plant performance, as well as costs and revenues, throughout the production cycle of a ginseng crop. The ginsenoside evaluation work progressed from learning to measure efficiently, to developing a quasi-experimental trial

to test for ginsenocide differences among different geographic sources, to establishing a replicated experiment of 8 genotypes to examine their performance under 3 sets of environmental conditions. In the quasi-experimental trial, the percent dry weight of 6 common ginsenocides and the total ginsenocide content from roots originating from each of 7 sources, all grown for several years at a common location, showed significant variation between geographic sources for the most abundant ginsenocide, Rb1 and Rc. In establishing the experiment on 3 farms we found significant genotype differences when sampled at Time 0 (Fall 2000). The experiment is secured at sites that will be monitored for at least 5 years. Regarding site suitability, in NY and the Northeast ginseng is most commonly found on northeastern slopes, in mixed hardwood forest dominated by sugar maple, and 80-90% shade. Soils are uncommonly high in Ca with a relatively low pH. The plant's common association with sugar maple is explained partially by the hydraulic lift function that maple plays to the benefit of ginseng under draught stress, and by high concentrations of Ca in maple leaf litter. We have identified a number of herbaceous understory plants that are common where ***wild*** populations of ***ginseng*** are found. We have developed a visual site suitability assessment protocol that landowners can use to assess the potential for ginseng performance on their land and to help choose an optimum site. We have established a network of some 100 landowners, supported by some 35 educators, who are monitoring woods grown ginseng trials in 6 northeastern states to help determine the agronomic feasibility and economic viability of ginseng as a forest crop under prevailing market conditions. Data are being compiled and analyzed by the Agroforestry Extension Program at Cornell University PB Agroforestry System. In: Beyfuss, R.L., (ed). American Ginseng Production in the 21st Century. Proceedings of an International Conference, Leeds NY, September 8-10, 2000. Greene County Cooperative Extension, Cairo, NY. CACA CT sustainable agriculture; agroforestry; ginseng; cultural practices; soil properties; wild plants; native plants; soil plant relations; plant chemistry; plant extracts; chemical analysis; plant performance; genetic stocks; market potentials; market analysis; small scale operations

=> d his

(FILE 'HOME' ENTERED AT 10:59:40 ON 18
DEC 2002)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS,
BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN,
CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH,
DRUGMONOG2, ...' ENTERED AT 10:59:49 ON
18 DEC 2002

SEA WILD(2A) GINSENG

6 FILE AGRICOLA
1 FILE ANABSTR
1 FILE AQUASCI
4 FILE BIOBUSINESS
23 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
3 FILE BIOTECHNO
16 FILE CABA
1 FILE CANCERLIT
25 FILE CAPLUS
2 FILE CONFSCI
4 FILE DDFU
1 FILE DRUGLAUNCH
1 FILE DRUGMONOG2
4 FILE DRUGU
5 FILE EMBASE
4 FILE ESBIOBASE
2 FILE FEDRIP
1 FILE FROSTI
2 FILE FSTA
3 FILE IFIPAT
1 FILE JICST-EPLUS
2 FILE LIFESCI
8 FILE MEDLINE
5 FILE PASCAL
42 FILE PROMT
8 FILE SCISEARCH
3 FILE TOXCENTER
6 FILE USPATFULL
27 FILE WPIDS
27 FILE WPINDEX
8 FILE NAPRALERT

L1 QUE WILD(2A) GINSENG

SEA L1 AND LYCII

L2 QUE L1 AND LYCII

SEA L2 AND (CNIDII OR ANGELIC?)

OR CULTIVATED GINSENG OR CERVIE

0* FILE BIOTECHNO
SEA L1 AND (CNIDII OR ANGELIC?)

OR CULTIVATED GINSENG OR CERVIE

2 FILE BIOBUSINESS
3 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
3 FILE CABA
6 FILE CAPLUS
2 FILE DDFU
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2 FILE MEDLINE
6 FILE PROMT
3 FILE USPATFULL
6 FILE WPIDS
6 FILE WPINDEX
1 FILE NAPRALERT

L3 QUE L1 AND (CNIDII OR ANGELIC?)
OR CULTIVATED GINSENG OR CERVIE

SEA L1 AND (REHMANNIAE OR
POLYGONI OR ADENOPHORAE OR LIRIOPIS O

2 FILE PROMT
1 FILE WPIDS
1 FILE WPINDEX
L4 QUE L1 AND (REHMANNIAE OR
POLYGONI OR ADENOPHORAE OR LIRIOPIS O

SEA L3 AND L4

1 FILE PROMT
QUE L3 AND L4

SEA L3 OR L4

2 FILE BIOBUSINESS
3 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
3 FILE CABA
6 FILE CAPLUS
2 FILE DDFU
2 FILE DRUGU
1 FILE EMBASE
1 FILE FEDRIP
1 FILE FROSTI
1 FILE FSTA
2 FILE MEDLINE
7 FILE PROMT
3 FILE USPATFULL
7 FILE WPIDS
7 FILE WPINDEX
1 FILE NAPRALERT

L6 QUE L3 OR L4

FILE 'CAPLUS, BIOSIS, CABA, NAPRALERT'
ENTERED AT 11:17:51 ON 18 DEC 2002

L7 13 S L6

FILE 'CAPLUS, BIOSIS, CABA, BIOBUSINESS,
DDFU, MEDLINE, BIOTECHABS,
EMBASE, FEDRIP, FROSTI, FSTA, NAPRALERT'
ENTERED AT 11:18:26 ON 18 DEC
2002

L8 24 S L6

L9 18 DUP REM L8 (6 DUPLICATES
REMOVED)

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Executing the logoff script...

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

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FILE 'HOME' ENTERED AT 14:43:24 ON 27 JAN 2003

=> index bioscience napralert

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
SINCE FILE TOTAL

| ENTRY | SESSION |
|---------------------|---------|
| FULL ESTIMATED COST | |
| 0.21 | 0.21 |

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI, BIOPARTNERS,
BIOCOMMERCE, BIOSIS, BIOTECHABS,
BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 14:44:01 ON 27 JAN 2003

65 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term
postings or to view
search error messages that display as 0* with
SET DETAIL OFF.

=> s wild (3a) ginseng?

6 FILE AGRICOLA
2 FILE ANABSTR
1 FILE AQUASCI
4 FILE BIOBUSINESS
24 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
3 FILE BIOTECHNO
18 FILE CABA
1 FILE CANCERLIT
26 FILE CAPLUS
2 FILE CONFSCI
4 FILE DDFU
2 FILE DRUGLAUNCH
1 FILE DRUGMONOG2
4 FILE DRUGU
6 FILE EMBASE
4 FILE ESBIOBASE
2 FILE FEDRIP
1 FILE FROSTI
2 FILE FSTA
4 FILE IFIPAT
1 FILE JICST-EPLUS
42 FILES SEARCHED...
2 FILE LIFESCI
10 FILE MEDLINE
1 FILE NTIS
5 FILE PASCAL
46 FILE PROMT
8 FILE SCISEARCH

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|----|----------------|
| 3 | FILE TOXCENTER |
| 11 | FILE USPATFULL |
| 2 | FILE USPAT2 |
| 29 | FILE WPIDS |
| 29 | FILE WPINDEX |
| 9 | FILE NAPRALERT |

35 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L1 QUE WILD (3A) GINSENG?

=> s 11 (s) (water or aqueous)

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1 FILE AGRICOLA  
1 FILE AQUASCI  
3 FILE BIOSIS  
1 FILE BIOTECHNO  
1 FILE CANCERLIT  
1 FILE CAPLUS  
1 FILE DDFU  
2 FILE DRUGU
```

29 FILES SEARCHED...
1 FILE EMBASE
1 FILE ESBIOBASE
0* FILE FEDRIP
2 FILE IFIPAT
2 FILE MEDLINE
1 FILE PASCAL
5 FILE PROMT
1 FILE SCISEARCH

56 FILES SEARCHED...
1 FILE TOXCENTER
5 FILE USPATFULL
1 FILE USPAT2
4 FILE WPIDS
4 FILE WPINDEX

20 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L2 QUE L1 (S) (WATER OR AQUEOUS)

\Rightarrow d rank

| | | |
|-----|---|-----------|
| F1 | 5 | PROMT |
| F2 | 5 | USPATFULL |
| F3 | 4 | WPIDS |
| F4 | 4 | WPINDEX |
| F5 | 3 | BIOSIS |
| F6 | 2 | DRUGU |
| F7 | 2 | IFIPAT |
| F8 | 2 | MEDLINE |
| F9 | 1 | AGRICOLA |
| F10 | 1 | AQUASCI |
| F11 | 1 | BIOTECHNO |
| F12 | 1 | CANCERLIT |
| F13 | 1 | CAPLUS |
| F14 | 1 | DDFU |
| F15 | 1 | EMBASE |
| F16 | 1 | ESBIOBASE |
| F17 | 1 | PASCAL |
| F18 | 1 | SCISEARCH |
| F19 | 1 | TOXCENTER |

\rightarrow d manz.

F1 **5** **PROMT**
F2 **5** **USPATFULL**

| | | |
|-----|---|------------|
| F3 | 4 | WPIDS |
| F4 | 4 | WPINDEX |
| F5 | 3 | BIOSIS |
| F6 | 2 | DRUGU |
| F7 | 2 | IFIPAT |
| F8 | 2 | MEDLINE |
| F9 | 1 | AGRICOLA |
| F10 | 1 | AQUASCI |
| F11 | 1 | BIOTECHNO |
| F12 | 1 | CANCERLIT |
| F13 | 1 | CAPLUS |
| F14 | 1 | DDFU |
| F15 | 1 | EMBASE |
| F16 | 1 | ESBIOBASE |
| F17 | 1 | PASCAL |
| F18 | 1 | SCISEARCH |
| F19 | 1 | TOX CENTER |
| F20 | 1 | USPAT2 |

=> fil f1, f5, f6, f8, f9, f10, f11, f12, f13, f18, f19

COST IN U.S. DOLLARS
SINCE FILE TOTAL

| ENTRY | SESSION |
|---------------------|---------|
| FULL ESTIMATED COST | |
| 2.75 | 2.96 |

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=> s 12

L3 17 L2

=> dup rem 13

PROCESSING COMPLETED FOR L3
L4 10 DUP REM L3 (7 DUPLICATES REMOVED)

=> d 14 1- ti,bib,abs

YOU HAVE REQUESTED DATA FROM 10 ANSWERS -
CONTINUE? Y/(N):y

L4 ANSWER 1 OF 10 PROMT COPYRIGHT 2003
Gale Group

TI Ambrosia Coenzyme Q10 Cleanse
MANUFACTURER: CA Botana International Inc.
CATEGORY: 330 - Soap & Body
Cleansers.(Brief Article)(Product
Announcement)

AN 2000:629353 PROMT

TI Ambrosia Coenzyme Q10 Cleanse
MANUFACTURER: CA Botana International Inc.
CATEGORY: 330 - Soap & Body
Cleansers.(Brief Article)(Product
Announcement)

SO Product Alert, (24 Jul 2000) Vol. 31, No.
14.

ISSN: 0740-3801.

PB Marketing Intelligence Service Ltd.

DT Newsletter

LA English

WC 136

*FULL TEXT IS AVAILABLE IN THE ALL
FORMAT*

AB San Diego, CA-based CA Botana International Inc. now offers Cleanse in its extensive Ambrosia CoEnzyme Q10 line. Literature for the cleanser states, "Proper cleansing is the first step. Ambrosia CoEnzyme Q10

Cleanse is rich, milky and ***water*** -soluble. It helps keep the skin clean, healthy and soft. CoEnzymes are uniquely blended in patent-pending liposomal technology with ***wild*** Yam,

ginseng, camomile and essential oils to boost the skin's natural ability to renew itself." The suggested retail price is \$30.00 for a 6.8 oz. pump bottle. Company literature also identifies all CA Botana products as "safe, biodegradable, 100 percent natural and formulated with purified ***water***. Formulated without animal testing or by-products, and with only natural scents, they are derived from

re-growable rather than reproductive resources." For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: COPYRIGHT 2000 Marketing Intelligence Service Ltd.

Subscription: \$600.00 per year. Published semimonthly. 6473 D Route 64, Naples, NY 14512-9726.

L4 ANSWER 2 OF 10 PROMT COPYRIGHT 2003 Gale Group

TI Pulse Enhanced Beverage - Peak; Passion; Power; Performance MANUFACTURER: Geyser Products, LLC CATEGORY: 217 - Isotonic, Energy Producing Beverages.

AN 2000:573147 PROMT

TI Pulse Enhanced Beverage - Peak; Passion; Power; Performance MANUFACTURER: Geyser Products, LLC CATEGORY: 217 - Isotonic, Energy Producing Beverages.

SO Product Alert, (12 Jun 2000) Vol. 30, No. 11.

ISSN: 0740-3801.

PB Marketing Intelligence Service Ltd.

DT Newsletter

LA English

WC 136

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Enhanced Beverages from Mesa, AZ-based Geyser Products, LLC are promoted with the phrase "Drink Pulse for a natural charge." The light blue colored Mountain Berry flavored Performance variety contains ginkgo, ginseng, astragalus and green tea. Label states that these herbs are believed to increase stamina, combat mental fatigue and improve brain function. A partial listing of ingredients also includes pure spring ***water***, citric acid, potassium benzoate and high fructose corn syrup. Other varieties in the line include Peak (strawberry kiwi with aloe vera), Passion (***wild*** raspberry with ***ginseng***, damiana, dong quai and gotu kola) and Power (strawberry colada with guarana, ginseng and ginkgo). Presented in 16.9 fl. oz. resealable plastic bottles, they are given a suggested retail price between 79 and 89 cents. For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

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L4 ANSWER 3 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Ginseng processing method and processed ginseng prepared by the same.

AN 2000:281723 BIOSIS

DN PREV200000281723

TI Ginseng processing method and processed ginseng prepared by the same.

AU Lee, Sang-jun (1)

CS (1) 221-28 Suyu 3-dong, Kangbuk-gu, Seoul North Korea

PI US 6004609 December 21, 1999

SO Official Gazette of the United States Patent and Trademark Office Patents, (Dec. 21, 1999) Vol. 1229, No. 3, pp. No pagination. e-file.

ISSN: 0098-1133.

DT Patent

LA English

AB A ginseng processing method and a processed ginseng prepared by the processing method are provided. The ginseng processing method includes the steps of: mixing 10.about.99.5 wt % of grapes and/or wild grapes with 0.5.about.90 wt % of ginseng; adding ***water*** to the mixture of grapes and/or ***wild*** grapes with ***ginseng*** with a weight ratio of 1.about.10:1; heating the mixture at 45.about.130degree C. for 1.about.70 hours; and cooling the heated mixture to room temperature.

According to the ginseng processing method using grapes and/or wild grapes, the side effects caused by taking only ginseng are decreased or eliminated. Also, the browning of the ginseng is facilitated, reducing the amount of effort and time required for processing the ginseng. Also, the processed ginseng is acceptable to many persons in taste, aroma and color, and can be used in various forms for various purposes.

L4 ANSWER 4 OF 10 PROMT COPYRIGHT 2003 Gale Group

TI New Products: New scents keep coming ... Wu woos the west

AN 97:440362 PROMT

TI New Products: New scents keep coming ... Wu woos the west

SO European Cosmetic Markets, (1 Jul 1997) pp. N/A.

ISSN: 0957-1515.

LA English

WC 125

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Wu is the name of a new skin care range from China Doll Ltd, that is claimed to combine the ancient knowledge of Chinese medicine with modern technology. Products in the Wu range are formulated in China with Chinese herbs, such as ***wild*** ***ginseng*** and ***water*** pearls which are tested on the herbalists themselves and used in pure, high concentrations. The 13-product range, previously only available in Space

NK Apothecary, London, includes two cleansers, two toners, three moisturisers, two eye products, three masks and Pearl & Silk Rejuvenator, said to restore clarity and smoothness for the three conventional skin types.

Launch: Nationwide in the UK in July, with roll-out in France imminent.
Prices: From GBP9.95 for eye products to GBP17.50 for cleansers and toners.

THIS IS THE FULL TEXT: COPYRIGHT 1997
Wilmington Publishing Ltd. (UK)

L4 ANSWER 5 OF 10 PROMT COPYRIGHT 2003
Gale Group

TI Basic Elements Purifying Shampoo - Angelica for Dry, Permed or Color Treated Hair; Water Lily for Normal to Oily Hair; Protective Conditioner - Bayberry Bark MA
AN 94:330999 PROMT
TI Basic Elements Purifying Shampoo - Angelica for Dry, Permed or Color Treated Hair; Water Lily for Normal to oily Hair; Protective Conditioner - Bayberry Bark MA
SO Product Alert, (6 Jun 1994) pp. N/A.
ISSN: 0740-3801.
LA English
WC 194

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Inglewood, CA-based Basic Elements has launched a hair care line under the Basic Elements brand name. Angelica Purifying Shampoo for Dry, Permed or Color Treated Hair "gently removes impurities from hair while protecting your perm and color." ***Water*** Lily Purifying Shampoo for Normal to Oily Hair "is a mild shampoo particularly well suited for frequent shampooing." Bayberry Bark Protective Conditioner "detangles, moisturizes, builds body and adds shine without build-up." The "pH balanced" products are said to be formulated with the same base of nutrients, vitamins and proteins - purifying or protective root extracts such as angelica, white pond lily and bayberry, as well as ***ginseng***, apple, ***wild*** geranium, white willow, cherry, sweet birch and plumeria, and vitamins and whole wheat protein. According to company literature, the "uniformity of ingredients means that your hair gets a steady dose of the nutrients it needs to look and feel healthy... Your hair will absorb just what it needs from the products and the residual will be washed away." All three products are sold in recyclable, color coded bottles. To check the availability and cost of purchasing a sample of this product contact:
Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: Copyright 1994 Marketing Intelligence Service Ltd.

L4 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2003
BIOLOGICAL ABSTRACTS INC.DUPLICATE

1
TI Differences in immunomodulating effects between wild and cultured Panax ginseng.
AN 1994:275431 BIOSIS
DN PREV199497288431
TI Differences in immunomodulating effects between wild and cultured Panax ginseng.
AU Mizuno, Masashi (1); Yamada, Junko (1); Terai, Hiromi (1); Kozuke, Nobuyuki; Lee, Yong Shun; Tsuchida, Hironobu (1)
CS (1) Lab. Utilization Biol. Resources, Kobe Univ., Nada-Ku, Kobe 657 Japan
SO Biochemical and Biophysical Research Communications, (1994) Vol. 200, No. 3, pp. 1672-1678.
ISSN: 0006-291X.
DT Article
LA English
AB The different effects between ***wild*** and cultured Panax ***ginseng*** on immunological activity were investigated. The extracts of hot ***water*** soluble fraction from ***wild*** Panax ***ginseng*** showed the mitogenic activity to lymphocytes but that from cultured Panax ginseng did not. The mitogenic activity of ***wild*** Panax ***ginseng*** (100 mu-g/well) was almost equal to Concanavalin A (0.1 mu-g/well) which was well-known as one of T cell mitogens. The percentages of Thy 1.2-(pan T cells), L3T4-(helper T cells) and Lyt2-(cytotoxic T cells) positive cell population were significantly increased in the mice orally administered hot ***water*** soluble fraction from ***wild*** Panax ***ginseng*** as compared to control by 31.2, 17.9 and 30.1 percent, respectively.

L4 ANSWER 7 OF 10 (c) 2003 FAO (on behalf of the ASFA Advisory Board) All rights reserved.

TI Water hemlock poisoning -- Maine, 1992
AN 96:3110 AQUASCI
DN ASFA1 1996 25-18157; ASFA3 1996 26-01219
TI Water hemlock poisoning -- Maine, 1992
AU Sweeney, K.; Gensheimer, K.F.; Knowlton-Field, J.; Smith, R.A.
SO J. AM. MED. ASSOC., (1994) vol. 271, no. 19, pp. 1472-1476.
ISSN: 0098-7484.
DT Journal
FS ASFA1; ASFA3
LA English
AB On October 5, 1992, a 23-year-old man and his 39-year-old brother were foraging for ***wild*** ***ginseng*** in the midcoastal Maine

woods. The younger man collected several plants growing in a swampy area and took three bites from the root of one plant. His brother took one bite of the same root. Within 30 minutes, the younger man vomited and began to have convulsions; they walked out of the woods, and approximately 30 minutes after the younger man became ill, they were able to telephone for emergency rescue services. Within 15 minutes of the call, emergency medical personnel arrived and found the younger man unresponsive and cyanotic with mild tachycardia, dilated pupils, and profuse salivation.

Severe tonic-clonic seizures occurred and were followed by periods of apnea. He was intubated and transported to a local emergency department.

Physicians performed gastric lavage and administered activated charcoal.

His cardiac rhythm changed to ventricular fibrillation, and four resuscitative attempts were unsuccessful. He died approximately 3 hours after ingesting the root. Although the older brother was asymptomatic when he arrived at the emergency department, he was treated prophylactically with gastric lavage and administered activated charcoal. He began to have seizures and exhibit delirium 2 hours after eating the root; he was stabilized and transferred to a tertiary-care center for observation. No additional adverse effects were reported. The root ingested by the two brothers was identified as ***water*** hemlock (*Cicuta maculata*). In October 1993, post-mortem samples of frozen liver tissue, blood, and gastric contents from the man were analyzed by high-pressure liquid chromatography for cicutoxin, a poisonous substance in ***water*** hemlock. Cicutoxin, a neurotoxin, was not detected; however, the toxin is labile and may have degraded during storage.

L4 ANSWER 8 OF 10 PROMT COPYRIGHT 2003
Gale Group

TI Sun Siberian Ginseng Natural Herb Tea
Bags MANUFACTURER: YSK International
Corp. CATEGORY: Tea
AN 89:201825 PROMT
TI Sun Siberian Ginseng Natural Herb Tea
Bags MANUFACTURER: YSK International
Corp. CATEGORY: Tea
SO Product Alert, (4 Sep 1989) pp. N/A.
LA English
WC 149
*FULL TEXT IS AVAILABLE IN THE ALL
FORMAT*
AB " ***Wild*** " Sun Siberian
Ginseng Natural Herb Tea Bags are
on the market in the U.S. in boxes
containing 25 tea bags individually

wrapped in packets. Manufactured in Japan by YSK International Corp. and distributed in the U.S. by Sun Chlorella of Torrance, CA, they are said to be 100% natural and caffeine free. For the "perfect pick-me-up at any time of the day, alone or with meals, pour fresh boiling ***water*** over one tea bag per cup, letting it stand for 3-5 minutes until a soft green color and unique elegant fragrance tell you it is ready to enjoy." It can also be served over ice after brewing. This product is identified as a "higher source of natural energy." To obtain a sample of this product, contact: Marketing Intelligence Service, Ltd., (716) 374-6326 for availability, pricing and delivery.
THIS IS THE FULL TEXT: Copyright 1989 by Marketing Intelligence Service Ltd.

L4 ANSWER 9 OF 10 MEDLINE
TI Study on the biological nature of ginseng pearl knot.
AN 90148093 MEDLINE
DN 90148093 PubMed ID: 2619887
TI Study on the biological nature of ginseng pearl knot.
AU Li M; Li R J; Liu M Y
SO CHUNG-KUO CHUNG YAO TSA CHIH CHINA
JOURNAL OF CHINESE MATERIA MEDICA,
(1989 Nov) 14 (11) 654-5, 701.
Journal code: 8913656. ISSN: 1001-5302.
CY China
DT Journal; Article; (JOURNAL ARTICLE)
LA Chinese
FS Priority Journals
EM 199003
ED Entered STN: 19900601
Last Updated on STN: 19900601
Entered Medline: 19900321
AB Pearl knots of the root system of cultivated ginseng in different ages and different development stages were studied and compared with ***wild***
ginseng . It has been found that the biological nature of pearl knots is the foundation of seasonal absorbing root of ginseng. It is pointed out that to remove the cold-proof matter later and keep suitable soil ***water*** in spring are important to prevent cold injury and promote growth of root system of ginseng. Key words ginseng; pearl knot; seasonal absorbing root

L4 ANSWER 10 OF 10 BIOSIS COPYRIGHT 2003
BIOLOGICAL ABSTRACTS INC.
TI STUDY ON THE BIOLOGICAL NATURE OF GINSENG PEARL KNOTS.
AN 1990:266143 BIOSIS
DN BA90:8229
TI STUDY ON THE BIOLOGICAL NATURE OF GINSENG PEARL KNOTS.
AU LIU M; LI R; LIU M
CS DEP. BIOL., HARBIN NORMAL UNIV., CHINA.
SO CHINA J CHIN MATER MED, (1989) 14 (11), 14-15, 61.

CODEN: ZZZAE3.
 FS BA; OLD
 LA Chinese
 AB Pearl knots of the root system of cultivated ginseng in different ages and different development stages were studied and compared and compared with ***wild*** ***ginseng*** . It has been found that the biological nature of pearl knots is the foundation of seasonal absorbing root of ginseng. It is pointed out that to remove the cold-proof matter later and keep suitable soil ***water*** in spring are important to prevent cold injury and promote growth of root system of ginseng.

=> d 14 1-10 all

L4 ANSWER 1 OF 10 PROMT COPYRIGHT 2003
 Gale Group

AN 2000:629353 PROMT
 TI Ambrosia Coenzyme Q10 Cleanse
 MANUFACTURER: CA Botana International Inc.
 CATEGORY: 330 - Soap & Body
 Cleansers. (Brief Article) (Product
 Announcement)
 SO Product Alert, (24 Jul 2000) Vol. 31, No.
 14.
 ISSN: 0740-3801.
 PB Marketing Intelligence Service Ltd.
 DT Newsletter
 LA English
 WC 136
 TX San Diego, CA-based CA Botana International Inc. now offers Cleanse in its extensive Ambrosia CoEnzyme Q10 line. Literature for the cleanser states, "Proper cleansing is the first step. Ambrosia CoEnzyme Q10 Cleanse is rich, milky and ***water***-soluble. It helps keep the skin clean, healthy and soft. CoEnzymes are uniquely blended in patent-pending liposomal technology with ***wild*** yam, ***ginseng***, camomile and essential oils to boost the skin's natural ability to renew itself." The suggested retail price is \$30.00 for a 6.8 oz. pump bottle. Company literature also identifies all CA Botana products as "safe, biodegradable, 100 percent natural and formulated with purified ***water***. Formulated without animal testing or by-products, and with only natural scents, they are derived from re-growable rather than reproductive resources." For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

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Subscription: \$600.00 per year. Published semimonthly. 6473 D Route 64,
 Naples, NY 14512-9726.
 CT *PC2841001 Soaps
 CC *EC336 Product introduction
 CO *CA Botana International Inc.
 ICL *ADV Advertising, Marketing and Public Relations; BUSN Any type of business
 NAIC *325611 Soap and Other Detergent Manufacturing
 GT *CC1USA United States
 FEAT COMPANY
 RN 303-98-0 (COENZYME Q10)

L4 ANSWER 2 OF 10 PROMT COPYRIGHT 2003
 Gale Group

AN 2000:573147 PROMT
 TI Pulse Enhanced Beverage - Peak; Passion; Power; Performance MANUFACTURER:
 Geyser Products, LLC CATEGORY: 217 - Isotonic, Energy Producing Beverages.
 SO Product Alert, (12 Jun 2000) Vol. 30, No. 11.
 ISSN: 0740-3801.
 PB Marketing Intelligence Service Ltd.
 DT Newsletter
 LA English
 WC 136
 TX Enhanced Beverages from Mesa, AZ-based Geyser Products, LLC are promoted with the phrase "Drink Pulse for a natural charge." The light blue colored Mountain Berry flavored Performance variety contains ginkgo, ginseng, astragalus and green tea. Label states that these herbs are believed to increase stamina, combat mental fatigue and improve brain function. A partial listing of ingredients also includes pure spring ***water***, citric acid, potassium benzoate and high fructose corn syrup. Other varieties in the line include Peak (strawberry kiwi with aloe vera), Passion (***wild*** raspberry with ***ginseng***, damiana, dong quai and gotu kola) and Power (strawberry colada with guarana, ginseng and ginkgo). Presented in 16.9 fl. oz. resealable plastic bottles, they are given a suggested retail price between 79 and 89 cents. For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: COPYRIGHT 2000
 Marketing Intelligence Service Ltd.

Subscription: \$600.00 per year. Published semimonthly. 6473 D Route 64,
 Naples, NY 14512-9726.
 CT *PC2834790 Vitamins & Nutrients NEC
 CC *EC336 Product introduction
 CO *Geyser Products L.L.C.
 ICL *ADV Advertising, Marketing and Public Relations; BUSN Any type of business

NAIC *325412 Pharmaceutical Preparation
Manufacturing
GT *CC1USA United States
FEAT COMPANY

L4 ANSWER 3 OF 10 BIOSIS COPYRIGHT 2003
BIOLOGICAL ABSTRACTS INC.
AN 2000:281723 BIOSIS
DN PREV200000281723
TI Ginseng processing method and processed
ginseng prepared by the same.
AU Lee, Sang-jun (1)
CS (1) 221-28 Suyu 3-dong, Kangbuk-gu, Seoul
North Korea
PI US 6004609 December 21, 1999
SO Official Gazette of the United States
Patent and Trademark Office Patents,
(Dec. 21, 1999) Vol. 1229, No. 3, pp. No
pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English
AB A ginseng processing method and a
processed ginseng prepared by the
processing method are provided. The
ginseng processing method includes the
steps of: mixing 10.about.99.5 wt % of
grapes and/or wild grapes with
0.5.about.90 wt % of ginseng; adding
water to the mixture of
grapes and/or ***wild*** grapes with
ginseng with a weight
ratio of 1.about.10:1; heating the
mixture at 45.about.130degree C. for
1.about.70 hours; and cooling the heated
mixture to room temperature.
According to the ginseng processing
method using grapes and/or wild
grapes, the side effects caused by taking
only ginseng are decreased or
eliminated. Also, the browning of the
ginseng is facilitated, reducing the
amount of effort and time required for
processing the ginseng. Also, the
processed ginseng is acceptable to many
persons in taste, aroma and color,
and can be used in various forms for
various purposes.
NCL 426590000
IT Major Concepts
 Foods; Methods and Techniques
IT Methods & Equipment
 ginseng processing method: food
processing method
IT Miscellaneous Descriptors
 ginseng: herbs and spices; grapes:
fruit

L4 ANSWER 4 OF 10 PROMT COPYRIGHT 2003
Gale Group

AN 97:440362 PROMT
TI New Products: New scents keep coming ...
Wu woos the west
SO European Cosmetic Markets, (1 Jul 1997)
PP. N/A.
ISSN: 0957-1515.
LA English
WC 125
AB Wu is the name of a new skin care range
from China Doll Ltd, that is

claimed to combine the ancient knowledge
of Chinese medicine with modern
technology. Products in the Wu range are
formulated in China with Chinese
herbs, such as ***wild***
ginseng and ***water*** pearls
which are tested on the herbalists
themselves and used in pure, high
concentrations. The 13-product range,
previously only available in Space
NK Apothecary, London, includes two
cleansers, two toners, three
moisturisers, two eye products, three
masks and Pearl & Silk Rejuvenator,
said to restore clarity and smoothness
for the three conventional skin
types.
Launch: Nationwide in the UK in July,
with roll-out in France imminent.
Prices: From GBP9.95 for eye products to
GBP17.50 for cleansers and
toners.
THIS IS THE FULL TEXT: COPYRIGHT 1997
Wilmington Publishing Ltd. (UK)
CT *PC2844511 Cleansing Creams
CC *EC336 Product introduction
CO *China Doll Ltd.
ICL *INTL Business, International; DRUG
Pharmaceuticals and Cosmetics; BUSN
Any type of business
GT New: *CC4EUUK United Kingdom
Old: *CC4UK United Kingdom
FEAT COMPANY; NEWSLETTER

L4 ANSWER 5 OF 10 PROMT COPYRIGHT 2003
Gale Group

AN 94:330999 PROMT
TI Basic Elements Purifying Shampoo -
Angelica for Dry, Permed or Color
Treated Hair; Water Lily for Normal to
Oily Hair; Protective Conditioner -
Bayberry Bark MA
SO Product Alert, (6 Jun 1994) pp. N/A.
ISSN: 0740-3801.
LA English
WC 194
AB Inglewood, CA-based Basic Elements has
launched a hair care line under the
Basic Elements brand name. Angelica
Purifying Shampoo for Dry, Permed or
Color Treated Hair "gently removes
impurities from hair while protecting
your perm and color." ***Water***
Lily Purifying Shampoo for Normal
to Oily Hair "is a mild shampoo
particularly well suited for frequent
shampooing." Bayberry Bark Protective
Conditioner "detangles, moisturizes,
builds body and adds shine without build-
up." The "pH balanced" products
are said to be formulated with the same
base of nutrients, vitamins and
proteins - purifying or protective root
extracts such as angelica, white
pond lily and bayberry, as well as
ginseng, apple, ***wild***
geranium, white willow, cherry, sweet
birch and plumeria, and vitamins and
whole wheat protein. According to
company literature, the "uniformity of

ingredients means that your hair gets a steady dose of the nutrients it needs to look and feel healthy... Your hair will absorb just what it needs from the products and the residual will be washed away." All three products are sold in recyclable, color coded bottles. To check the availability and cost of purchasing a sample of this product contact:

Marketing Intelligence Service, Ltd.,
(716) 374-6326.

THIS IS THE FULL TEXT: Copyright 1994 Marketing Intelligence Service Ltd.

CT *PC2844100 Shaving Preparations
CC *EC33 Product Design & Development
CO *Basic Elements
GT New: *CC1USA United States
Old: *CC1USA United States
FEAT COMPANY; NEWSLETTER

L4 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE

1
AN 1994:275431 BIOSIS
DN PREV199497288431
TI Differences in immunomodulating effects between wild and cultured Panax ginseng.
AU Mizuno, Masashi (1); Yamada, Junko (1); Terai, Hirofumi (1); Kozuke, Nobuyuki; Lee, Yong Shun; Tsuchida, Hironobu (1)
CS (1) Lab. Utilization Biol. Resources, Kobe Univ., Nada-Ku, Kobe 657 Japan
SO Biochemical and Biophysical Research Communications, (1994) Vol. 200, No. 3, pp. 1672-1678.
ISSN: 0006-291X.
DT Article
LA English
AB The different effects between ***wild*** and cultured Panax ***ginseng*** on immunological activity were investigated. The extracts of hot ***water*** soluble fraction from ***wild*** Panax ***ginseng*** showed the mitogenic activity to lymphocytes but that from cultured Panax ginseng did not. The mitogenic activity of ***wild*** Panax ***ginseng*** (100 μg/well) was almost equal to Concanavalin A (0.1 μg/well) which was well-known as one of T cell mitogens. The percentages of Thy 1.2-(pan T cells), L3T4-(helper T cells) and Lyt2-(cytotoxic T cells) positive cell population were significantly increased in the mice orally administered hot ***water*** soluble fraction from ***wild*** Panax ***ginseng*** as compared to control by 31.2, 17.9 and 30.1 percent, respectively.
CC Cytology and Cytochemistry - Animal *02506
Blood, Blood-Forming Organs and Body Fluids - Blood Cell Studies *15004
Blood, Blood-Forming Organs and Body Fluids - Lymphatic Tissue and

Reticuloendothelial System *15008
Pharmacology - Immunological Processes and Allergy *22018
Immunology and Immunochemistry - Immunopathology, Tissue Immunology *34508
Plant Physiology, Biochemistry and Biophysics - Chemical Constituents 51522
Pharmacognosy and Pharmaceutical Botany *54000
BC Araliaceae 25590
Muridae *86375
IT Major Concepts
Blood and Lymphatics (Transport and Circulation); Cell Biology; Immune System (Chemical Coordination and Homeostasis); Pharmacognosy (Pharmacology); Pharmacology
IT Miscellaneous Descriptors
T CELL
ORGN Super Taxa
Araliaceae: Dicotyledones, Angiospermae, Spermatophyta, Plantae; Muridae: Rodentia, Mammalia, Vertebrata, Chordata, Animalia
ORGN Organism Name
mouse (Muridae); Panax ginseng (Araliaceae)
ORGN Organism Superterms
angiosperms; animals; chordates; dicots; mammals; nonhuman mammals; nonhuman vertebrates; plants; rodents; spermatophytes; vascular plants; vertebrates

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AN 96:3110 AQUASCI
DN ASFA1 1996 25-18157; ASFA3 1996 26-01219
TI Water hemlock poisoning -- Maine, 1992
AU Sweeney, K.; Gensheimer, K.F.; Knowlton-Field, J.; Smith, R.A.
SO J. AM. MED. ASSOC., (1994) vol. 271, no. 19, pp. 1472-1476.
ISSN: 0098-7484.
DT Journal
FS ASFA1; ASFA3
LA English
AB On October 5, 1992, a 23-year-old man and his 39-year-old brother were foraging for ***wild*** ***ginseng*** in the midcoastal Maine woods. The younger man collected several plants growing in a swampy area and took three bites from the root of one plant. His brother took one bite of the same root. Within 30 minutes, the younger man vomited and began to have convulsions; they walked out of the woods, and approximately 30 minutes after the younger man became ill, they were able to telephone for emergency rescue services. Within 15 minutes of the call, emergency medical personnel arrived and found the younger man unresponsive and cyanotic with mild tachycardia, dilated pupils, and profuse salivation.

Severe tonic-clonic seizures occurred and were followed by periods of apnea. He was intubated and transported to a local emergency department. Physicians performed gastric lavage and administered activated charcoal. His cardiac rhythm changed to ventricular fibrillation, and four resuscitative attempts were unsuccessful. He died approximately 3 hours after ingesting the root. Although the older brother was asymptomatic when he arrived at the emergency department, he was treated prophylactically with gastric lavage and administered activated charcoal. He began to have seizures and exhibit delirium 2 hours after eating the root; he was stabilized and transferred to a tertiary-care center for observation. No additional adverse effects were reported. The root ingested by the two brothers was identified as ***water*** hemlock (*Cicuta maculata*). In October 1993, post-mortem samples of frozen liver tissue, blood, and gastric contents from the man were analyzed by high-pressure liquid chromatography for cicutoxin, a poisonous substance in ***water*** hemlock. Cicutoxin, a neurotoxin, was not detected; however, the toxin is labile and may have degraded during storage.

CC 1221 GENERAL; 3524 PUBLIC HEALTH, MEDICINES, DANGEROUS ORGANISMS
 CT biological poisons; dangerous organisms; public health; human diseases; wetlands; mortality causes
 GT USA, Maine
 ORGN *Cicuta maculata*

L4 ANSWER 8 OF 10 PROMT COPYRIGHT 2003
 Gale Group

AN 89:201825 PROMT
 TI Sun Siberian Ginseng Natural Herb Tea Bags MANUFACTURER: YSK International Corp. CATEGORY: Tea
 SO Product Alert, (4 Sep 1989) pp. N/A.
 LA English
 WC 149
 AB " ***Wild*** " Sun Siberian ***Ginseng*** Natural Herb Tea Bags are on the market in the U.S. in boxes containing 25 tea bags individually wrapped in packets. Manufactured in Japan by YSK International Corp. and distributed in the U.S. by Sun Chlorella of Torrance, CA, they are said to be 100% natural and caffeine free. For the "perfect pick-me-up at any time of the day, alone or with meals, pour fresh boiling ***water*** over one tea bag per cup, letting it stand for 3-5 minutes until a soft green color and unique elegant fragrance tell you it is ready to enjoy." It can also be served over ice after brewing. This product is identified

as a "higher source of natural energy." To obtain a sample of this product, contact: Marketing Intelligence Service, Ltd., (716) 374-6326 for availability, pricing and delivery.

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Ltd.
 CT *PC2099582 Tea in Bags
 CC *EC33 Product Design & Development
 CO *YSK Intnl
 GT New: *CC1USA United States
 Old: *CC1USA United States
 FEAT COMPANY; NEWSLETTER

L4 ANSWER 9 OF 10 MEDLINE
 AN 90148093 MEDLINE
 DN 90148093 PubMed ID: 2619887
 TI Study on the biological nature of ginseng pearl knot.
 AU Li M; Li R J; Liu M Y
 SO CHUNG-KUO CHUNG YAO TSA CHIH CHINA
 JOURNAL OF CHINESE MATERIA MEDICA,
 (1989 Nov) 14 (11) 654-5, 701.
 Journal code: 8913656. ISSN: 1001-5302.
 CY China
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Chinese
 FS Priority Journals
 EM 199003
 ED Entered STN: 19900601
 Last Updated on STN: 19900601
 Entered Medline: 19900321
 AB Pearl knots of the root system of cultivated ginseng in different ages and different development stages were studied and compared with ***wild*** ***ginseng***. It has been found that the biological nature of pearl knots is the foundation of seasonal absorbing root of ginseng. It is pointed out that to remove the cold-proof matter later and keep suitable soil ***water*** in spring are important to prevent cold injury and promote growth of root system of ginseng. Key words ginseng; pearl knot; seasonal absorbing root
 CT Check Tags: Comparative Study English Abstract
 *Panax: GD, growth & development
 Panax: UL, ultrastructure
 *Plants, Medicinal
 Seasons

L4 ANSWER 10 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 1990:266143 BIOSIS
 DN BA90:8229
 TI STUDY ON THE BIOLOGICAL NATURE OF GINSENG PEARL KNOTS.
 AU LIU M; LI R; LIU M
 CS DEP. BIOL., HARBIN NORMAL UNIV., CHINA.
 SO CHINA J CHIN MATER MED, (1989) 14 (11), 14-15, 61.
 CODEN: ZZZAE3.
 FS BA; OLD
 LA Chinese
 AB Pearl knots of the root system of cultivated ginseng in different ages and

different development stages were studied and compared and compared with
wild ***ginseng*** . It has been found that the biological nature of pearl knots is the foundation of seasonal absorbing root of ginseng. It is pointed out that to remove the cold-proof matter later and keep suitable soil ***water*** in spring are important to prevent cold injury and promote growth of root system of ginseng.

CC Physical Anthropology; Ethnobiology *05000
Ecology; Environmental Biology - Bioclimatology and Biometeorology 07504
Biochemical Studies - General 10060
External Effects - Temperature as a Primary Variable - Cold 10616
Pharmacology - General 22002
Plant Physiology, Biochemistry and Biophysics - Water Relations *51502
Plant Physiology, Biochemistry and Biophysics - Growth, Differentiation *51510
Plant Physiology, Biochemistry and Biophysics - General and Miscellaneous *51526
Agronomy - General, Miscellaneous and Mixed Crops *52502
Pharmacognosy and Pharmaceutical Botany 54000
IT Miscellaneous Descriptors
SEASONAL ABSORBING ROOT CULTIVATED GINSENG WILD GINSENG COLD INJURY FOLK MEDICINE CHINA

=> Y

L5 979236 Y

=> s wild (3a) ginseng (4a) tea?

L6 4 WILD (3A) GINSENG (4A) TEA?

=> dup rem 16

PROCESSING COMPLETED FOR L6

L7 4 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 17 1- all

YOU HAVE REQUESTED DATA FROM 4 ANSWERS -
CONTINUE? Y/(N):y

L7 ANSWER 1 OF 4 PROMT COPYRIGHT 2003 Gale Group

AN 97:112603 PROMT
TI Health & Beauty Care
SO Drug Topics, (17 Feb 1997) pp. 106.
ISSN: 0012-6616.
LA English
WC 277
AB Schering-Plough HealthCare Products,
Liberty Corner, N.J., has added new
products to its Coppertone line.
Coppertone Bug & Sun with Insect

Repellent provides protection from the sun as well as from annoying insects. Kids Colorblock goes on purple (it disappears after it's rubbed in) to help make sure skin receives complete sunblock coverage. Oil Free Sunless Tanner Dark has an oil-free, noncomedogenic formula that absorbs quickly. Little Licks cherry-flavored lip balm, in an SPF 30 formula, is designed to protect kids' lips from sun, wind, and cold. Two SPF 15 Lip Balms are available for adults: One contains moisturizing aloe and vitamin E; the other has a natural fruit flavor. The Kids Stick provides waterproof protection from UVA and UVB rays for noses, chins, and ears ... Beiersdorf, Norwalk, Conn., is introducing Nivea Visage Anti-Wrinkle and Firming Creme. It features an antioxidant complex plus vitamins A and E. The 1.5-oz. jar will retail for approximately \$8 ... From Bausch & Lomb, Rochester, ReNu Multi-Purpose Solution for soft contact lenses sports new packaging. It features graphic design changes to help consumers locate the product on the retail shelf, readily identify its unique ingredients, and maintain compliance with a prescribed lens care regimen ... The Andrew Jergens Co., Cincinnati, repositioning its Jergens Skincare brand, is introducing a new line of Jergens Skincare Moisturizing Body Bars and a new alpha hydroxy Ultra Healing Cream ... Naturistics, Farmingdale, N.Y., has introduced an antioxidant skin care line which includes Pink Grapefruit Facial Soap, Pink Grapefruit Foaming Cleanser, Oatmeal Foaming Cleanser, Green ***Tea*** Facial Cream, ***Wild*** Chamomile Facial Lotion, ***Ginseng*** Root Facial Moisturizer, and Sunflower Seed Refining Facial Mask. Each will retail between \$4.50 and \$8.

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CT *PC3999910 Barber & Beauty Supplies; PC3850000 Ophthalmic Goods;

PC2869312 Antioxidants; PC2844000 Toiletries; PC2834000 Pharmaceutical Preparations

CC *EC336 Product introduction CO *Naturistics; Bausch and Lomb Inc.; Beiersdorf North America; Andrew

Jergens Co.; Schering-Plough HealthCare Products

GT New: *CC1USA United States
Old: *CCLUSA United States

FEAT LOB; INDUSTRY; COMPANY

RN 520-36-5 (CHAMOMILE)

1406-18-4 (VITAMIN E)

121736-22-9 (LIBERTY)

152159-65-4 (SUNBLOCK)

L7 ANSWER 2 OF 4 PROMT COPYRIGHT 2003 Gale Group

AN 96:12122 PROMT
 TI Health Valley ***Ginseng*** Iced
 Tea - Cranberry:
 Wild Berry; Mango MANUFACTURER:
 Health Valley Foods CATEGORY: Tea
 SO Product Alert, (8 Jan 1995) pp. N/A.
 ISSN: 0740-3801.
 LA English
 WC 152
 AB Ginseng Iced Tea has been introduced under the Health Valley brand name as a "high energy thirst quencher." Presented in glass bottles, the product comes in three "pick-me-up flavors" - Cranberry, Wild Berry and Mango. Company literature states, "This unique iced tea is a revolutionary breakthrough in high energy drinks. It's the first iced tea ever made for people who want quick energy, and it provides all the other healthy benefits of 100 milligrams of ginseng in every glass." Claimed to offer zesty refreshment, 8 ounces of Ginseng Iced Tea are said to provide 100mg of ginseng, only 15mg of caffeine (compared to 50mg in brewed tea and 140mg in coffee), and 10% of the daily value of vitamin C. The Ginseng Iced Tea has "no refined sugar, artificial flavors or colors." Health Valley Foods of Irwindale, CA, is the manufacturer. For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: COPYRIGHT 1995
 Marketing Intelligence Service Ltd.
 CT *PC2086080 Nonfruit Drinks ex Carbonated
 CC *EC33 Product Design & Development
 CO *Health Valley Foods
 GT New: *CC1USA United States
 Old: *CC1USA United States
 FEAT COMPANY; NEWSLETTER
 RN 50-81-7 (VITAMIN C)
 58-08-2 (CAFFEINE)

L7 ANSWER 3 OF 4 PROMT COPYRIGHT 2003 Gale Group

AN 93:430823 PROMT
 TI Nature's Own Vermont ***Wild***
 Ginseng Herbal ***Tea***
 Blend - All ***Ginseng*** ; Vermont
 Wild ***Ginseng***
 Herbal ***Tea*** Blend - The Woods
 MANUFACTURER: Nature's Own
 CATEGORY: Tea
 SO Product Alert, (21 Dec 1992) pp. N/A.
 LA English
 WC 369
 AB A line of Vermont ***Wild***
 Ginseng Herbal ***Tea***
 Blends has been introduced under the Nature's Own brand name. The "hand blended, 100% natural" teas are said to be free of caffeine, sugar, artificial sweeteners and preservatives. They are made with a "blend of carefully selected herbs and Vermont wild ginseng roots and leaves." All

Ginseng is a red tea that offers a sweetish aromatic flavor and can be used as a general tonic or for symptoms of stress. Brown Cow is a light brown tea that has a "smooth roasted coffee-like flavor with a fragrant alpine smell." This "thirst-quenching" beverage can be used as a general tonic and stimulant; it makes a "good coffee substitute." Church Steeple is a white tea with a "sweet mild flavor with the slightest hint of mint and apricots." It is said to settle stomach and bronchial problems and is good for insomnia as well as edema. Grey Dusty Road has a "sweet, warm and mellow 'tea' flavor" that is said to be aromatic; it is good for colds, flu and fever. Green Mellowcalf, said to be a stomach settler, offers a "warm, smooth roasted coffee-like flavor with just a bit of bite." The Morning After is a blue tea which is "clean, piny and aromatic with a tang" and "good for headaches, upset stomach; clears mucous passages; alleviates indigestion; calms nerves." Named after the wild ginseng leaves in their fall foliage, Woodland Gold is a gold tea with a "mild, pleasant, woodsy flavor with a cool after-taste, reminiscent of Darjeeling tea." It is said to be a stomach settler; it also benefits "anemia, edema and insomnia." The Woods, an autumn orange tea with a "pleasant woodsy flavor with a cool after-taste, reminiscent of mulled apples," is said to be good for heart and circulation; it soothes the nerves and indigestion; and provides colds, flu and sore throat relief. Manufactured by Chelsea, VT-based Nature's Own, each product is sold in a 6-pack; "each tea comes in its own reusable muslin tea bag that can be made by the pot or 6-8 individual (225ml) servings." To check the availability and cost of purchasing a sample of this product contact: Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: Copyright 1992 by Marketing Intelligence Service Ltd.

CT *PC2099500 Processed Tea
 CC *EC33 Product Design & Development
 CO *Nature's Own
 GT New: *CC1USA United States
 Old: *CC1USA United States
 FEAT NEWSLETTER; COMPANY
 RN 58-08-2 (CAFFEINE)

L7 ANSWER 4 OF 4 PROMT COPYRIGHT 2003 Gale Group

AN 89:201825 PROMT
 TI Sun Siberian Ginseng Natural Herb Tea Bags MANUFACTURER: YSK International Corp. CATEGORY: Tea
 SO Product Alert, (4 Sep 1989) pp. N/A.
 LA English

WC 149
AB " ***Wild*** " Sun Siberian
Ginseng Natural Herb ***Tea***
Bags are on the market in the U.S. in boxes containing 25 tea bags individually wrapped in packets.
Manufactured in Japan by YSK International Corp. and distributed in the U.S. by Sun Chlorella of Torrance, CA, they are said to be 100% natural and caffeine free. For the "perfect pick-me-up at any time of the day, alone or with meals, pour fresh boiling water over one tea bag per cup, letting it stand for 3-5 minutes until a soft green color and unique elegant fragrance tell you it is ready to enjoy." It can also be served over ice after brewing. This product is identified as a "higher source of natural energy." To obtain a sample of this product, contact:
Marketing Intelligence Service, Ltd., (716) 374-6326 for availability, pricing and delivery.

THIS IS THE FULL TEXT: Copyright 1989 by Marketing Intelligence Service
Ltd.
CT *PC2099582 Tea in Bags
CC *EC33 Product Design & Development
CO *YSK Intnl
GT New: *CC1USA United States
Old: *CC1USA United States
FEAT COMPANY; NEWSLETTER

=> index bioscience napralert

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
103.75 106.71

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDHS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CRABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 15:06:45 ON 27 JAN 2003

65 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s wild (3a) ginseng (4a) tea?

1 FILE BIOBUSINESS
0* FILE DRUGU
29 FILES SEARCHED...
1 FILE NTIS
4 FILE PROMT
57 FILES SEARCHED...

3 FILES HAVE ONE OR MORE ANSWERS, 65 FILES SEARCHED IN STNINDEX

L8 QUE WILD (3A) GINSENG (4A) TEA?

=> d rank

| | | |
|----|---|-------------|
| F1 | 4 | PROMT |
| F2 | 1 | BIOBUSINESS |
| F3 | 1 | NTIS |

=> s 18

<-----User Break----->

=> fil f1-f3

COST IN U.S. DOLLARS
SINCE FILE TOTAL

| | |
|---------------------|---------|
| ENTRY | SESSION |
| FULL ESTIMATED COST | |
| 25.85 | 132.56 |

FILE 'PROMT' ENTERED AT 15:34:39 ON 27 JAN 2003

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FILE 'NTIS' ENTERED AT 15:34:39 ON 27 JAN 2003
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=> s 18

L9 6 L8

=> dup rem 19

PROCESSING COMPLETED FOR L9
L10 6 DUP REM L9 (0 DUPLICATES REMOVED)

=> d 110 1- all

YOU HAVE REQUESTED DATA FROM 6 ANSWERS -
CONTINUE? Y/(N):y

L10 ANSWER 1 OF 6 PROMT COPYRIGHT 2003 Gale Group

| | |
|----|---|
| AN | 97:112603 PROMT |
| TI | Health & Beauty Care |
| SO | Drug Topics, (17 Feb 1997) pp. 106.
ISSN: 0012-6616. |
| LA | English |
| WC | 277 |
| AB | Schering-Plough HealthCare Products, Liberty Corner, N.J., has added new products to its Coppertone line.
Coppertone Bug & Sun with Insect |

Repellent provides protection from the sun as well as from annoying insects. Kids Colorblock goes on purple (it disappears after it's rubbed in) to help make sure skin receives complete sunblock coverage. Oil Free Sunless Tanner Dark has an oil-free, noncomedogenic formula that absorbs quickly. Little Licks cherry-flavored lip balm, in an SPF 30 formula, is designed to protect kids' lips from sun, wind, and cold. Two SPF 15 Lip Balms are available for adults: One contains moisturizing aloe and vitamin E; the other has a natural fruit flavor. The Kids Stick provides waterproof protection from UVA and UVB rays for noses, chins, and ears ... Beiersdorf, Norwalk, Conn., is introducing Nivea Visage Anti-Wrinkle and Firming Creme. It features an antioxidant complex plus vitamins A and E. The 1.5-oz. jar will retail for approximately \$8 ... From Bausch & Lomb, Rochester, ReNu Multi-Purpose Solution for soft contact lenses sports new packaging. It features graphic design changes to help consumers locate the product on the retail shelf, readily identify its unique ingredients, and maintain compliance with a prescribed lens care regimen ... The Andrew Jergens Co., Cincinnati, repositioning its Jergens Skincare brand, is introducing a new line of Jergens Skincare Moisturizing Body Bars and a new alpha hydroxy Ultra Healing Cream ... Naturistics, Farmingdale, N.Y., has introduced an antioxidant skin care line which includes Pink Grapefruit Facial Soap, Pink Grapefruit Foaming Cleanser, Oatmeal Foaming Cleanser, Green ***Tea*** Facial Cream, ***Wild*** Chamomile Facial Lotion, ***Ginseng*** Root Facial Moisturizer, and Sunflower Seed Refining Facial Mask. Each will retail between \$4.50 and \$8.

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CT *PC3999910 Barber & Beauty Supplies; PC3850000 Ophthalmic Goods; PC2869312 Antioxidants; PC2844000 Toiletries; PC2834000 Pharmaceutical Preparations

CC *EC336 Product introduction

CO *Naturistics; Bausch and Lomb Inc.; Beiersdorf North America; Andrew Jergens Co.; Schering-Plough HealthCare Products

GT New: *CC1USA United States
Old: *CC1USA United States

FEAT LOB; INDUSTRY; COMPANY

RN 520-36-5 (CHAMOMILE)
1406-18-4 (VITAMIN E)
121736-22-9 (LIBERTY)
152159-65-4 (SUNBLOCK)

L10 ANSWER 2 OF 6 PROMT COPYRIGHT 2003 Gale Group

AN 96:12122 PROMT
TI Health Valley ***Ginseng*** Iced ***Tea*** - Cranberry;
Wild Berry; Mango MANUFACTURER:
Health Valley Foods CATEGORY: Tea
SO Product Alert, (8 Jan 1995) pp. N/A.
ISSN: 0740-3801.
LA English
WC 152
AB Ginseng Iced Tea has been introduced under the Health Valley brand name as a "high energy thirst quencher." Presented in glass bottles, the product comes in three "pick-me-up flavors" - Cranberry, Wild Berry and Mango. Company literature states, "This unique iced tea is a revolutionary breakthrough in high energy drinks. It's the first iced tea ever made for people who want quick energy, and it provides all the other healthy benefits of 100 milligrams of ginseng in every glass." Claimed to offer zesty refreshment, 8 ounces of Ginseng Iced Tea are said to provide 100mg of ginseng, only 15mg of caffeine (compared to 50mg in brewed tea and 140mg in coffee), and 10% of the daily value of vitamin C. The Ginseng Iced Tea has "no refined sugar, artificial flavors or colors." Health Valley Foods of Irwindale, CA, is the manufacturer. For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

THIS IS THE FULL TEXT: COPYRIGHT 1995 Marketing Intelligence Service Ltd.

CT *PC2086080 Nonfruit Drinks ex Carbonated

CC *EC33 Product Design & Development

CO *Health Valley Foods

GT New: *CC1USA United States
Old: *CC1USA United States

FEAT COMPANY; NEWSLETTER

RN 50-81-7 (VITAMIN C)
58-08-2 (CAFFEINE)

L10 ANSWER 3 OF 6 BIOBUSINESS COPYRIGHT 2003 BIOSIS
AN 93:16751 BIOBUSINESS
DN 0515397
TI Vermont ***Wild*** ***Ginseng***
herbal ***tea*** bags.
AU ANON
SO NEW PRODUCT NEWS, (1993) VOL.29, NO.2,
March 9, P.19.
FS UNIQUE
LA ENGLISH
CC 41200 MALTS, BREWS & OTHER FERMENTATION PRODUCTS
ST BEVERAGE INDUSTRY; TEA; NEW PRODUCTS;
VARIETIES; PACKAGING; BRAND NAME;
HEALTH FOOD STORE; USA
CO NATURES OWN, CHELSEA, VT

L10 ANSWER 4 OF 6 PROMT COPYRIGHT 2003 Gale Group

AN 93:430823 PROMT
TI Nature's Own Vermont ***Wild***
Ginseng Herbal ***Tea***

Blend - All ***Ginseng*** ; Vermont
 Wild ***Ginseng***
 Herbal ***Tea*** Blend - The Woods
 MANUFACTURER: Nature's Own
 CATEGORY: Tea
 SO Product Alert, (21 Dec 1992) pp. N/A.
 LA English
 WC 369
 AB A line of Vermont ***Wild***
 Ginseng Herbal ***Tea***
 Blends has been introduced under the
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 be free of caffeine, sugar,
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 They are made with a "blend of
 carefully selected herbs and Vermont wild
 ginseng roots and leaves." All
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 of stress. Brown Cow is a light
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 coffee-like flavor with a fragrant
 alpine smell." This "thirst-quenching"
 beverage can be used as a general
 tonic and stimulant; it makes a "good
 coffee substitute." Church Steeple
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 with the slightest hint of mint
 and apricots." It is said to settle
 stomach and bronchial problems and is
 good for insomnia as well as edema. Grey
 Dusty Road has a "sweet, warm and
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 "warm, smooth roasted coffee-like flavor
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 tang" and "good for headaches, upset
 stomach; clears mucous passages;
 alleviates indigestion; calms nerves."
 Named after the wild ginseng leaves
 in their fall foliage, Woodland Gold is a
 gold tea with a "mild, pleasant,
 woodsy flavor with a cool after-taste,
 reminiscent of Darjeeling tea." It
 is said to be a stomach settler; it also
 benefits "anemia, edema and
 insomnia." The Woods, an autumn orange
 tea with a "pleasant woodsy flavor
 with a cool after-taste, reminiscent of
 mulled apples," is said to be good
 for heart and circulation; it soothes the
 nerves and indigestion; and
 provides colds, flu and sore throat
 relief. Manufactured by Chelsea,
 VT-based Nature's Own, each product is
 sold in a 6-pack; "each tea comes
 in its own reusable muslin tea bag that
 can be made by the pot or 6-8
 individual (225ml) servings." To check
 the availability and cost of
 purchasing a sample of this product
 contact: Marketing Intelligence
 Service, Ltd., (716) 374-6326.
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 Marketing Intelligence Service

Ltd.
 CT *PC2099500 Processed Tea
 CC *EC33 Product Design & Development
 CO *Nature's Own
 GT New: *CC1USA United States
 Old: *CC1USA United States
 FEAT NEWSLETTER; COMPANY
 RN 58-08-2 (CAFFEINE)

L10 ANSWER 5 OF 6 PROMT COPYRIGHT 2003 Gale
 Group

AN 89:201825 PROMT
 TI Sun Siberian Ginseng Natural Herb Tea
 Bags MANUFACTURER: YSK International
 Corp. CATEGORY: Tea
 SO Product Alert, (4 Sep 1989) pp. N/A.
 LA English
 WC 149
 AB " ***Wild*** " Sun Siberian
 Ginseng Natural Herb ***Tea***
 Bags are on the market in the U.S. in
 boxes containing 25 tea bags
 individually wrapped in packets.
 Manufactured in Japan by YSK
 International Corp. and distributed in
 the U.S. by Sun Chlorella of
 Torrance, CA, they are said to be 100%
 natural and caffeine free. For the
 "perfect pick-me-up at any time of the
 day, alone or with meals, pour
 fresh boiling water over one tea bag per
 cup, letting it stand for 3-5
 minutes until a soft green color and
 unique elegant fragrance tell you it
 is ready to enjoy." It can also be
 served over ice after brewing. This
 product is identified as a "higher source
 of natural energy." To obtain a
 sample of this product, contact:
 Marketing Intelligence Service, Ltd.,
 (716) 374-6326 for availability, pricing
 and delivery.
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 Ltd.
 CT *PC2099582 Tea in Bags
 CC *EC33 Product Design & Development
 CO *YSK Intnl
 GT New: *CC1USA United States
 Old: *CC1USA United States
 FEAT COMPANY; NEWSLETTER

L10 ANSWER 6 OF 6 NTIS COPYRIGHT 2003
 NTIS
 AN 2002(08):00096 NTIS Order Number:
 MIC-102-00258/XAB
 TI Production of fruits, medicinal and
 ornamental plants in northern
 Saskatchewan: Final report.
 AU Ivanochko, G.; Tanino, K. K.; Maybin,
 S.
 CS Saskatchewan Agriculture Development
 Fund, Regina (Canada). (99999999
 9999999)
 NR MIC-102-00258/XAB
 30p; c2001
 DT Report
 CY Canada
 LA English

NTE On cover: Prepared by University of Saskatchewan. Cover title:
Production of native fruits, medicinal and ornamental plants in northern Saskatchewan: Final report.
AV Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.)
customers); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC E07/MF E01
OS GRA&I0208
AB Presents results of field trials conducted in northern Saskatchewan to determine the potential of various fruit & medicinal plant crops. Yields and fruit or plant characteristics are reported for blueberry, Siberian ***ginseng***, Labrador ***tea***, fireweed, ***wild*** mint, sweetgrass, blood root, goldenseal, strawberry, and others. Appendices include a report on commercialization of cloudberry in Norway.
CC 98D Agronomy, horticulture, and plant pathology
CT *Plant crops; *Fruit; Canada; Field trials; Medicinal plants
*FOREIGN TECHNOLOGY

=> index bioscience napralert

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
25.28 157.84

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS,
BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 15:39:43 ON 27 JAN 2003

65 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s wild (4a) ginseng (4a) (soup? or consume?)

0* FILE DRUGU
29 FILES SEARCHED...
60 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L11 QUE WILD (4A) GINSENG (4A) (SOUP? OR CONSUME?)

=> s wild (6a) ginseng (6a) (soup? or consume?)

0* FILE DRUGU
29 FILES SEARCHED...
56 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 65
FILES SEARCHED IN STNINDEX

L12 QUE WILD (6A) GINSENG (6A) (SOUP? OR CONSUME?)

=>
Connection closed by remote host

Welcome to STN International! Enter x:x

LOGINID:ssspta1651pxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * Welcome to STN
International * * * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML)
- new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded

NEWS 22 Aug 26 Sequence searching in
REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and
enhanced
NEWS 24 Sep 16 Experimental properties
added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus
available in CAPIUS and CA
NEWS 26 Oct 01 CASREACT Enriched with
Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search
fields
NEWS 29 Oct 24 Nutraceuticals International
(NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October
8, 2002
NEWS 31 Nov 18 DKILIT has been renamed
APOLLIT
NEWS 32 Nov 25 More calculated properties
added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from
STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT
Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with
additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight
now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-
1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free
connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free
connect hour in February 2003

NEWS EXPRESS January 6 CURRENT WINDOWS
VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS
V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS
DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help
Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and
Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site
(general information)

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to see news on that
specific topic.

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FILE 'HOME' ENTERED AT 09:52:41 ON 28 JAN 2003

=> index bioscience napralert

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
SINCE FILE TOTAL

| | |
|---------------------|---------|
| ENTRY | SESSION |
| FULL ESTIMATED COST | |
| 0.21 | 0.21 |

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANAESTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS,
BIOTECHDHS, BIOTECHNO, CABA, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 09:52:52 ON 28 JAN 2003

65 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s ginseng? (s) (water or aqueous) (s).
(wild? or natural?) same (extract? or purif?
or isolat? or separat?)

MISSING OPERATOR NATURAL?) SAME
The search profile that was entered contains
terms or
nested terms that are not separated by a
logical operator.

=> s ginseng? (s) (water or aqueous) (s)
(wild? or natural?) (s) (extract? or purif? or
isolat? or separat?)

1 FILE AGRICOLA
8 FILE BIOSIS
3 FILE BIOTECHABS
3 FILE BIOTECHDS
11 FILES SEARCHED...
1 FILE BIOTECHNO
4 FILE CABA
4 FILE CANCERLIT
1 FILE CAPLUS
18 FILES SEARCHED...
1 FILE CROPUL
3 FILE DDFU
5 FILE DRUGU
29 FILES SEARCHED...
6 FILE EMBASE
1 FILE ESBIOBASE
1* FILE FEDRIP
1 FILE FROSTI
1 FILE FSTA
38 FILES SEARCHED...
4 FILE IFIPAT
1 FILE JICST-EPLUS
2 FILE LIFESCI
45 FILES SEARCHED...
6 FILE MEDLINE
3 FILE PASCAL

50 FILES SEARCHED...
 63 FILE PROMT
 5 FILE SCISEARCH
 49 FILE USPATFULL
 59 FILES SEARCHED...
 2 FILE USPAT2
 45 FILE WPIDS
 63 FILES SEARCHED...
 45 FILE WPINDEX

27 FILES HAVE ONE OR MORE ANSWERS, 65
 FILES SEARCHED IN STNINDEX

L1 QUE GINSENG? (S) (WATER OR AQUEOUS) (S)
 (WILD? OR NATURAL?) (S) (EXTRACT?
 OR PURIF? OR ISOLAT? OR SEPARAT?)

=> d rank

| | | |
|-----|----|-------------|
| F1 | 63 | PROMT |
| F2 | 49 | USPATFULL |
| F3 | 45 | WPIDS |
| F4 | 45 | WPINDEX |
| F5 | 8 | BIOSIS |
| F6 | 6 | EMBASE |
| F7 | 6 | MEDLINE |
| F8 | 5 | DRUGU |
| F9 | 5 | SCISEARCH |
| F10 | 4 | CABA |
| F11 | 4 | CANCERLIT |
| F12 | 4 | IFIPAT |
| F13 | 3 | BIOTECHABS |
| F14 | 3 | BIOTECHDS |
| F15 | 3 | DDFU |
| F16 | 3 | PASCAL |
| F17 | 2 | LIFESCI |
| F18 | 2 | USPAT2 |
| F19 | 1 | AGRICOLA |
| F20 | 1 | BIOTECHNO |
| F21 | 1 | CAPLUS |
| F22 | 1 | CROPU |
| F23 | 1 | ESBIOBASE |
| F24 | 1 | FROSTI |
| F25 | 1 | FSTA |
| F26 | 1 | JICST-EPLUS |
| F27 | 1* | FEDRIP |

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 f19, f22

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=> s 11

5 FILES SEARCHED...

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L4 15 DUP REM L3 (22 DUPLICATES
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L4 ANSWER 1 OF 15 CROPU COPYRIGHT 2003

THOMSON DERWENT

AN 2002-83928 CROPU P G
 TI Antimicrobial plant activator for
 preparing organic agricultural
 products, comprises aqueous mixture of
 cereals extracted-antimicrobial
 extract, and fermented fruit and
 saccharides-derived enzyme.

IN ---

PA Human

LO Jap.

PI JP 2001302426 A 20011031

AI JP 2000-123824 20000425

DT Patent

LA Japanese

OS WPI: 2002-167337

AB An antimicrobial plant activator comprising an aqueous solution of a mixture of an antimicrobial extract obtained from cereals, and an enzyme obtained by fermenting a mixture of fruit and saccharides (preferably 33.4% brown sugar, 26.1% fruit waste and 14.0% citrus wastes). The aqueous activator is obtained mixing a plant derived enzyme and an antimicrobial cereal extract (produced by steeping cereal grains in water, heating and filtering) at a ratio of 1:15. The aqueous activator was applied to seeds or an unspecified crop, and the seeds were allowed to germinate.

The activated solution was also sprinkled for 5-7 days to the leaf surface, and also root tension was accelerated at root caps. Germination rates were improved, and fruits and vegetables showed increases in flower development and fruiting rate.

SH P Plant Biology
G Galenics

CT CROP *TR; SOYA *OC; RICE *OC; WHEAT *OC; PINEAPPLE *OC; BANANA *OC; APPLE *OC; GARLIC *OC; GINSENG *OC; SESAME *OC; ALGA *OC; LOTUS *OC; MANDARIN *OC; ORANGE *OC; BEAN *OC; LEGUME *OC; VEGETABLE *OC; CROP *OC; CEREAL *OC; FRUIT-CROP *OC; POMACEOUS-FRUIT *OC; ONION *OC; AROMATIC *OC; MEDICINAL *OC; OLEAGINOUS *OC; CITRUS *OC; PLANT-GROWTH-INDUCTOR *FT; FERMENTATION *FT; FRUIT *FT; GRAIN *FT; SUCROSE *FT; COMP. *FT; ENZYME *FT; INDUCTION *FT; GERMINATION *FT; GROWTH *FT; LIQUID *FT; PH-PK *FT; YIELD *FT; PLANT-PART *FT; SEED *FT; FORMULATION *FT; TR *FT

FA AB; LA; CT

L4 ANSWER 2 OF 15 SCISEARCH COPYRIGHT 2003
ISI (R)
AN 2001:890576 SCISEARCH
GA The Genuine Article (R) Number: 487TD
TI Ultrafast spectroscopy studies on the mechanism of electron transfer and energy conversion in the isolated pseudo ginseng, water hyacinth and spinach chloroplasts
AU Xu S C (Reprint); Sun Z Y; Ai X C; Feng J; Zhang Q Y; Zhang X K; Yu F; Tang C Q; Li L B; Kuang T Y
CS Chinese Acad Sci, Inst Chem, Ctr Mol Sci, State Key Lab Struct Chem, Unstable & Stable Speci, Beijing 100080, Peoples R China (Reprint); Chinese Acad Sci, Inst Bot, Photosynth Res Ctr, Beijing 100093, Peoples R China
CYA Peoples R China
SO SCIENCE IN CHINA SERIES B-CHEMISTRY, (AUG 2001) Vol. 44, No. 4, PP. 366-380.
Publisher: SCIENCE PRESS, 16 DONGHUANGCHENGGEN NORTH ST, BEIJING 100717, PEOPLES R CHINA.
ISSN: 1006-9291.

DT Article; Journal
LA English
REC Reference Count: 46
AB The spectroscopy characteristics and the fluorescence lifetime for the chloroplasts ***isolated*** from the pseudo ***ginseng***, ***water*** hyacinth and spinach plant leaves have been studied by absorption spectra, low temperature steady-state fluorescence spectroscopy and single photon counting measurement under the same conditions and by the same methods. The similarity of the absorption spectra for the chloroplasts at room temperature suggests that different plants can efficiently absorb light of the same wavelength. The fluorescence decays in PS II measured at the ***natural*** Q(A) state for the chloroplasts have been fitted by a three-exponential kinetic model. The three fluorescence lifetimes are 30, 274 and 805 ps for the pseudo ***ginseng*** chloroplast; 138, 521 and 1494 ps for the ***water*** hyacinth chloroplast; 197, 465 and 1459 ps for the spinach chloroplast, respectively. The slow lifetime fluorescence component is assigned to a collection of associated light harvesting Chi a/b proteins, the fast lifetime component to the reaction center of PS II and the middle lifetime component to the delay fluorescence of recombination of P-680(+) and Pheo(-). The excitation energy conversion efficiency (eta) in PS II RC is defined and calculated on the basis of the 20 ps electron transfer time constant model, 60%, 87% and 91% for the pseudo ***ginseng***, ***water*** hyacinth and spinach chloroplasts, respectively. This interesting result is in unconformity with what is assumed to be 100% efficiency in PS II RC. Our result in this work stands in line with the 20 ps electron transfer time constant in PS II rather sound and the ***water*** hyacinth plant grows slower than the spinach plant does as envisaged on the efficiency. But, our results predict that those plants can perform highly efficient transfer of photo-excitation energy from the light-harvesting pigment system to the reaction center (closely to 100%). The conclusion contained in this paper reveals the plant growth characteristics expressed in the primary processes of photosynthesis and a relationship between a plant growing rate and its spectroscopy characteristics and fluorescence lifetimes, namely, the slower a plant grows, the less excitation energy conversation efficiency used might be anticipated.
CC CHEMISTRY, MULTIDISCIPLINARY

ST Author Keywords: pseudo ginseng; water hyacinth; chloroplast; single photon counting; fluorescence lifetime; excitation energy conversation efficiency
 STP KeyWords Plus (R): II REACTION CENTERS; PRIMARY CHARGE SEPARATION; TRANSIENT ABSORPTION-SPECTROSCOPY; CHLOROPHYLL FLUORESCENCE KINETICS; TIME-RESOLVED FLUORESCENCE; PIGMENT-PROTEIN COMPLEXES; 2 REACTION CENTERS; PHOTOSYSTEM-II; PICOSECOND FLUORESCENCE; REDUCTION
 RE
 Referenced Author | Year | VOL | PG |
 Referenced Work | (RPY) | (RVL) | (RPG) |
 (RAU) | (RWK)
 +-----+-----+-----+-----+

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 *YUNN BOT I | 1979 | 1 | 509
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 | PLANT CELL PHYSIOL
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 ROELOFS T A | 1993 | 1143 | 147
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 ROELOFS T A | 1992 | 61 | 11147
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 | LIGHT EMISSION PLANT
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 | SCIENCE
 TANG Z Q | 1983 | 9 | 275
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 WASIELEWSKI M R | 1989 | 86 | 1524 | P
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 XU S C | 2001 | 59 | 1937
 | CHINESE J CHEM
 ZHANG Q D | 1988 | 4 | 192
 | ACTA BIOPHYS SIN
 ZHANG Q D | 1988 | 4 | 182
 | ACTA BIOPHYS SIN

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2003
 ACS
 AN 2000:470370 CAPLUS
 DN 133:79051
 TI Composition for prevention of striae gravidarum
 IN Takashima, Yoshie
 PA Kansai Koso K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM A61K007-48
 ICS A61K007-00; A61P043-00; A61K031-355;
 A61K035-78; A61K045-08
 CC 62-4 (Essential Oils and Cosmetics)
 FAN.CNT 1
 PATENT NO. KIND DATE
 APPLICATION NO. DATE
 PI JP 2000191492 A2 20000711 JP
 1998-366706 19981224
 PRAI JP 1998-366706 19981224
 AB A compn. [e.g. cream] for prevention of
 striae gravidarum comprise
 humectants, skin softening agents and
 cell activators at ratio of 0.001-5

: 0.01-50 : 0.001-5. A cream contained sodium hyaluronate 0.1, avocado oil 3, squalane 3, octyl dodecanol 2, ***natural*** vitamin E 1, ***ginseng*** ext. 1, *Scutellaria baicalensis* ext. 1, yeast ext. 1, glycerol tri-2-ethylhexanoate 12, stearic acid 3, POE sorbitan monostearate 4, cetanol 5, glycerin 5 sodium hydroxide 0.7 and ***purified*** ***water*** to 100 parts.

ST striae gravidarum humectant skin softener; cell activator pregnancy striae gravidarum

IT Animal cell (activators; compn. for prevention of striae gravidarum)

IT Fats and Glyceridic oils, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses) (avocado; compn. for prevention of striae gravidarum)

IT Cream

Ginkgo biloba

Ginseng (Panax)

Humectants

Lactic acid bacteria

Placenta

Scutellaria baicalensis

Yeast (compn. for prevention of striae gravidarum)

IT Castor oil

Collagens, biological studies

Paraffin oils

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses) (compn. for prevention of striae gravidarum)

IT Cosmetics (creams; compn. for prevention of striae gravidarum)

IT Softening agents (skin; compn. for prevention of striae gravidarum)

IT Phospholipids, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses) (soya, hydrogenated; compn. for prevention of striae gravidarum)

IT Pregnancy (striae gravidarum in; compn. for prevention of striae gravidarum)

IT 56-81-5, Glycerin, biological studies

56-86-0, Glutamic acid, biological studies

57-11-4, Stearic acid, biological studies

72-17-3, Sodium lactate 111-01-3, Squalane 1406-18-4, Vitamin E 9005-67-8, Polyoxyethylene sorbitan monostearate 9067-32-7, Sodium hyaluronate 34513-50-3, Octyl dodecanol 36653-82-4, Cetanol 126042-44-2, Glycerol 2-ethylhexanoate

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses) (compn. for prevention of striae gravidarum)

L4 ANSWER 4 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPPLICATE

1

AN 1999:492859 BIOSIS

DN PREV199900492859

TI Enhancement of the nerve growth factor-mediated neurite outgrowth from PC12D cells by Chinese and Paraguayan medicinal plants.

AU Li, Ping; Matsunaga, Kimihiro; Ohizumi, Yasushi (1)

CS (1) Department of Pharmaceutical Molecular Biology, Faculty of Pharmaceutical Sciences, Tohoku University, Aoba, Aramaki, Aoba-ku, Sendai, 980-8578 Japan

SO Biological & Pharmaceutical Bulletin, (July, 1999) Vol. 22, No. 7, pp. 752-755.

ISSN: 0918-6158.

DT Article

LA English

SL English

AB It is very important to search for ***natural*** compounds possessing nerve growth factor (NGF)-potentiating activity. ***Extracts*** of 7 Chinese and 10 Paraguayan medicinal plants were examined for their effects on the NGF-mediated neurite outgrowth from PC12D cells to evaluate their NGF-potentiating activities. In the methanol ***extracts***, *Gymmopteris rufa* (LINN.) BERNH, *Ruta graveolens* LINN. and *Picrorhiza scrophulariiflora* PENNELL markedly increased the proportion of neurite-bearing cells. In the case of ethyl acetate fractions, *Equisetum giganteum* LINN., *Gymmopteris rufa* (LINN.) BERNH, *Ruta graveolens* LINN., and *Picrorhiza scrophulariiflora* PENNELL. In the ***water*** fractions, *Imperata cylindrica*, ***Ginseng*** Radix, *Gymmopteris rufa* (LINN.) BERNH, *Gochnatia polymorpha* (LESS) CAB and *Picrorhiza scrophulariiflora* PENNELL caused a weak enhancement of the proportion of PC12D cells with neurites. Of all the ***extracts*** and fractions, the methanol ***extract*** of *Picrorhiza scrophulariiflora* PENNELL induced the longest neurites in PC12D cells. In the ethyl acetate and ***water*** fractions of *Nardostachys chinensis*, long neurites were observed although only a small proportion of PC12D cells had neurites. On the other hand, in the ethyl acetate fraction of *Equisetum giganteum* LINN., while the length of the neurites was short, the

proportion of neurite-bearing cells was largest among all the ***extracts*** and fractions.
 CC Pharmacognosy and Pharmaceutical Botany *54000
 Cytology and Cytochemistry - Animal *02506
 Pathology, General and Miscellaneous - Therapy *12512
 Endocrine System - General *17002
 Nervous System - General; Methods *20501
 Pharmacology - General *22002
 Plant Physiology, Biochemistry and Biophysics - Chemical Constituents *51522
 BC Articulatae 23050
 Filices 23100
 Gramineae 25305
 Berberidaceae 25640
 Compositae 25840
 Labiate 26230
 Piperaceae 26565
 Rosaceae 26675
 Rutaceae 26685
 Scrophulariaceae 26755
 Valerianaceae 26925
 Animalia - Unspecified 33000
 IT Major Concepts
 Nervous System (Neural Coordination); Pharmacognosy (Pharmacology)
 IT Chemicals & Biochemicals
 medicinal plant methanol extracts; nerve growth factor
 IT Miscellaneous Descriptors
 nerve growth factor-mediated neurite outgrowth
 ORGN Super Taxa
 Animalia; Articulatae: Pteridophyta, Plantae; Berberidaceae:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae; Compositae:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae; Filices:
 Pteridophyta, Plantae; Gramineae:
 Monocotyledones, Angiospermae,
 Spermatophyta, Plantae; Labiate:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae; Piperaceae:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae; Rosaceae:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae; Rutaceae:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae;
 Scrophulariaceae: Dicotyledones, Angiospermae,
 Spermatophyta, Plantae; Valerianaceae:
 Dicotyledones, Angiospermae,
 Spermatophyta, Plantae
 ORGN Organism Name
 Acanthospermum australe (Compositae): medicinal plant; Attractylodes chinensis (Compositae): medicinal plant; Baccharis gaudichaudiana (Compositae): medicinal plant; Equisetum giganteum (Articulatae): medicinal plant; Gochnatia polymorpha (Compositae): medicinal plant; Gymnopteris rufa [Gymnopteris rufa] (Filices): medicinal plant; Imperata cylindrica (Gramineae): medicinal plant; Mentha sp.

(Labiatae): medicinal plant; Nandina domestica (Berberidaceae): medicinal plant; Nardostachys chinensis (Valerianaceae): medicinal plant; Picrorhiza scrophulariiflora (Scrophulariaceae): medicinal plant; Piper fulvescens (Piperaceae): medicinal plant; PC12D cell line (Animalia); Rosa banksiae (Rosaceae): medicinal plant; Ruta graveolens (Rutaceae): medicinal plant; Zea mays (Gramineae): medicinal plant
 ORGN Organism Superterms
 Angiosperms; Animals; Dicots; Monocots; Plants; Pteridophytes; Spermatophytes; Vascular Plants
 RN 9061-61-4 (NERVE GROWTH FACTOR)

L4 ANSWER 5 OF 15 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 2
 AN 1999036969 EMBASE
 TI Enzymatic modification of natural compounds with pharmacological properties.
 AU Riva S.; Monti D.; Luisetti M.; Danieli B.
 CS S. Riva, Istituto di Chimica degli Ormoni, CNR, 20131 Milano, Italy
 SO Annals of the New York Academy of Sciences, (1998) 864/- (70-80).
 Refs: 13
 ISSN: 0077-8923 CODEN: ANYAA
 CY United States
 DT Journal; Conference Article
 FS 029 Clinical Biochemistry
 030 Pharmacology
 037 Drug Literature Index
 LA English
 SL English
 AB Glycosides of various classes of ***natural*** products are widely distributed in nature, where they are often present esterified with aliphatic and aromatic acids at specific OH's of their sugar moieties. Many of these compounds are pharmacologically important molecules or possess other interesting properties. For instance, ginsenosides (e.g., 3) are therapeutic dammarane-type oligoglycosides ***isolated*** from the ***water*** -soluble portion of the dried roots and leaves of Panax ***ginseng*** C.A. Meyer (Araliaceae), a plant widely used in traditional Chinese medicine. In recent years, we have exploited the regioselectivity of lipases and proteases in organic solvents for the synthesis of specific esters of ginsenosides as well as the selectivity of the β .^{-1,4}-galactosyltransferase from bovine colostrum to obtain new glycosyl derivatives of these compounds. The application of these two enzymatic methodologies has also been exemplified with other ***natural*** compounds with pharmacological properties: digitonin (5), colchicoside (6), and flavonoid glycosides.

CT Medical Descriptors:

*drug synthesis
esterification
glycosylation
enzyme activity
acylation
conference paper
Drug Descriptors:
*glycoside: DV, drug development
natural product: DV, drug development
ginseng: DV, drug development
triacylglycerol lipase
proteinase
ginsenoside: DV, drug development
galactosyltransferase
digitonin: DV, drug development
colchicine derivative: DV, drug development
flavonoid: DV, drug development

RN (triacylglycerol lipase) 9001-62-1;
(proteinase) 9001-92-7; (ginsenoside)
74749-74-9; (galactosyltransferase) 9031-
68-9; (digitonin) 11024-24-1

L4 ANSWER 6 OF 15 CANCERLIT

AN 1998639490 CANCERLIT

DN 98639490

TI Comparative studies on anticarcinogenicity between Panax ginseng CA Meyer

and Panax notoginseng (Sanchi ginseng) using Yun's 9 week medium-term mouse system (Meeting abstract).

AU Yun T-K; Lee Y-S

CS Korea Cancer Center Hospital, Seoul, 139-240 Korea.

SO Proc Annu Meet Am Assoc Cancer Res, (1997) 38 A2490.

ISSN: 0197-016X.

DT (MEETING ABSTRACTS)

LA English

FS Institute for Cell and Developmental Biology

EM 199801

ED Entered STN: 19980109

Last Updated on STN: 19980109

AB Since a new 9 week medium-term in vivo model was established using benzo(a)pyrene (BP) induced lung adenoma in newborn mice we have tested the anticarcinogenicity of various ***natural*** products using this model. Ascorbic acid, soybean lecithin, Ganoderma lucidum and red

ginseng ***extract*** showed some inhibition effect on lung tumor incidence, while beta-carotene, carrots, spinach, 13-cis retinoic acid and fresh ***ginseng*** did not. This study was carried out to compare the anticarcinogenicity between Panax ***ginseng*** C.A. Meyer (PG) and Panax notoginseng (PN), and to ***isolate*** the active components from them. BP was injected to the subscapular region of newborn mice within 24 hours of birth at 0.5 mg per mouse. The ***water***, ethanol soluble and ethanol insoluble ***extracts*** of each

ginseng were fractionated subsequently and administered to mice through their drinking ***water*** for 6 weeks after weaning. All mice were sacrificed at 9th week after birth and lung adenomas were fixed, counted and examined histologically. In PG, both ***water***

extract and ethanol soluble fraction showed significant reduction of lung tumor incidence compared to the BP alone group (inhibition ratios were 25% and 27% at 2 mg/ml and 1.6 mg/ml, respectively). However, in the case of PN, only the highest dose of ethanol soluble fraction showed

anticarcinogenicity (25% inhibition at 3.2 mg/ml). Ethanol insoluble fractions of both ***ginseng*** did not show any significant decreases of lung adenoma incidence.

These results indicate that PG is more effective than PN in the inhibition of lung adenoma using Yun's 9 week medium-term mouse system and may contain more active components.

These results suggest that the active components of ***ginseng*** should be ***isolated*** from the ethanol soluble fraction of PA.

RN 50-32-8 (Benzo(a)

CN 0 (Anticarcinogenic Agents); 0 (Carcinogens)

L4 ANSWER 7 OF 15 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE

3

AN 1997:263202 BIOSIS

DN PREV199799569805

TI Ginseng treatment reduces bacterial load and lung pathology in chronic

Pseudomonas aeruginosa pneumonia in rats.

AU Song, Zhijun (1); Johansen, Helle Krogh; Faber, Viggo; Moser, Claus; Kharazmi, Arsalan; Rygaard, Jorgen; Hoiby, Niels

CS (1) Dep. Clinical Microbiol., Rigshospitalet, Afsnit 9301, Julianne Maries Vej 22, DK-2100 Copenhagen O Denmark

SO Antimicrobial Agents and Chemotherapy, (1997) Vol. 41, No. 5, pp. 961-964.

ISSN: 0066-4804.

DT Article

LA English

AB The predominant pathogen in patients with cystic fibrosis (CF) is

Pseudomonas aeruginosa, which results in a chronic lung infection associated with progressive pulmonary insufficiency. In a rat model of

chronic P. aeruginosa pneumonia mimicking that in patients with CF, we studied whether the inflammation and antibody responses could be changed by treatment with the Chinese herbal medicine ***ginseng***. An

aqueous ***extract*** of ***ginseng*** was injected subcutaneously, and cortisone and saline were used as controls. Two weeks

after challenge with *P. aeruginosa*, the ***ginseng*** -treated group showed a significantly improved bacterial clearance from the lungs ($P < 0.04$), less severe lung pathology ($P = 0.05$), lower lung abscess incidence ($P < 0.01$), and fewer mast cell numbers in the lung foci ($P < 0.005$). Furthermore, lower total immunoglobulin G (IgG) levels ($P < 0.01$) and higher IgG2a levels ($P < 0.025$) in serum against *P. aeruginosa* sonicate and a shift from an acute type to a chronic type of lung inflammation compared to those in the control and cortisone-treated groups were observed. These findings indicate that ***ginseng*** treatment of an experimental *P. aeruginosa* pneumonia in rats promotes a cellular response resembling a TH1-like response. On the basis of these results it is suggested that ***ginseng*** may have the potential to be a promising ***natural*** medicine, in conjunction with other forms of treatment, for CF patients with chronic *P. aeruginosa* lung infection.

CC Biochemical Studies - General 10060
Pathology, General and Miscellaneous - Therapy *12512
Respiratory System - Pathology *16006
Medical and Clinical Microbiology -
Bacteriology *36002
Plant Physiology, Biochemistry and Biophysics - Chemical Constituents 51522
Pharmacognosy and Pharmaceutical Botany *54000
BC Pseudomonadaceae 06508
Muridae *86375
IT Major Concepts
Infection; Pathology; Pharmacognosy (Pharmacology); Respiratory System (Respiration)
IT Miscellaneous Descriptors
BACTERIAL DISEASE; CHINESE HERBAL MEDICINE; GINSENG EXTRACT; INFECTION; LUNG; MODEL; PHARMACOGNOSY; PNEUMONIA; RESPIRATORY SYSTEM; RESPIRATORY SYSTEM DISEASE
ORGN Super Taxa
Muridae: Rodentia, Mammalia, Vertebrata, Chordata, Animalia;
Pseudomonadaceae: Eubacteria, Bacteria
ORGN Organism Name
rat (Muridae); *Pseudomonas aeruginosa* (Pseudomonadaceae)
ORGN Organism Superterms
animals; bacteria; chordates; eubacteria; mammals; microorganisms; nonhuman mammals; nonhuman vertebrates; rodents; vertebrates

L4 ANSWER 8 OF 15 BIOSIS COPYRIGHT 2003
BIOLOGICAL ABSTRACTS INC.DUPLICATE
4
AN 1994:275431 BIOSIS
DN PREV199497288431
TI Differences in immunomodulating effects between wild and cultured Panax

ginseng.
AU Mizuno, Masashi (1); Yamada, Junko (1); Terai, Hirofumi (1); Kozuke, Nobuyuki; Lee, Yong Shun; Tsuchida, Hironobu (1)
CS (1) Lab. Utilization Biol. Resources, Kobe Univ., Nada-Ku, Kobe 657 Japan
SO Biochemical and Biophysical Research Communications, (1994) Vol. 200, No. 3, pp. 1672-1678.
ISSN: 0006-291X.
DT Article
LA English
AB The different effects between ***wild*** and cultured *Panax* ***ginseng*** on immunological activity were investigated. The ***extracts*** of hot ***water*** soluble fraction from ***wild*** *Panax* ***ginseng*** showed the mitogenic activity to lymphocytes but that from cultured *Panax* ***ginseng*** did not. The mitogenic activity of ***wild*** *Panax* ***ginseng*** (100 μg/well) was almost equal to Concanavalin A (0.1 μg/well) which was well-known as one of T cell mitogens. The percentages of Thy 1.2-(pan T cells), L3T4-(helper T cells) and Lyt2-(cytotoxic T cells) positive cell population were significantly increased in the mice orally administered hot ***water*** soluble fraction from ***wild*** *Panax* ***ginseng*** as compared to control by 31.2, 17.9 and 30.1 percent, respectively.
CC Cytology and Cytochemistry - Animal *02506
Blood, Blood-Forming Organs and Body Fluids - Blood Cell Studies *15004
Blood, Blood-Forming Organs and Body Fluids - Lymphatic Tissue and Reticuloendothelial System *15008
Pharmacology - Immunological Processes and Allergy *22018
Immunology and Immunochemistry - Immunopathology, Tissue Immunology *34508
Plant Physiology, Biochemistry and Biophysics - Chemical Constituents 51522
Pharmacognosy and Pharmaceutical Botany *54000
BC Araliaceae 25590
Muridae *86375
IT Major Concepts
Blood and Lymphatics (Transport and Circulation); Cell Biology; Immune System (Chemical Coordination and Homeostasis); Pharmacognosy (Pharmacology); Pharmacology
IT Miscellaneous Descriptors
T CELL
ORGN Super Taxa
Araliaceae: Dicotyledones, Angiospermae, Spermatophyta, Plantae; Muridae: Rodentia, Mammalia, Vertebrata, Chordata, Animalia
ORGN Organism Name

mouse (Muridae); Panax ginseng
 (Araliaceae)
 ORGN Organism Superterms
 angiosperms; animals; chordates;
 dicots; mammals; nonhuman mammals;
 nonhuman vertebrates; plants; rodents;
 spermatophytes; vascular plants;
 vertebrates

L4 ANSWER 9 OF 15 EMBASE COPYRIGHT 2003
 ELSEVIER SCI. B.V.DUPLICATE 5
 AN 91117559 EMBASE
 DN 1991117559
 TI Immunomodulatory effects of two extracts
 of Panax ginseng C.A. Meyer.
 AU Scaglione F.; Ferrara F.; Dugnani S.;
 Falchi M.; Santoro G.; Fraschini F.
 CS Department of Pharmacology, Chemotherapy
 and Toxicology, University of
 Milan, Milan, Italy
 SO Drugs under Experimental and Clinical
 Research, (1990) 16/10 (537-542).
 ISSN: 0378-6501 CODEN: DECRDP
 CY Switzerland
 DT Journal; Article
 FS 026 Immunology, Serology and
 Transplantation
 030 Pharmacology
 037 Drug Literature Index
 LA English
 SL English
 AB The effect of Panax ***ginseng***
 extracts on cell-mediated
 immune functions in man has been
 investigated. Three groups, each
 consisting of twenty healthy volunteers,
 were treated under conditions of
 double blindness with capsules containing
 lactose (Control Group B), with
 capsules containing 100 mg of
 aqueous ***extract*** of the
 drug (Group A), and with capsules
 containing 100 mg of standardized
 extract of the drug (Group C).
 All the patients took one capsule
 every 12 h for 8 weeks. Blood samples
 were withdrawn before beginning the
 treatment, at the fourth week and at the
 eighth week. The immune
 parameters examined were the following:
 chemotaxis of PMNs, phagocytosis
 index (PHI), phagocytosis fraction (PHF),
 intracellular killing, total
 lymphocytes (T3), T helper (T4) subset,
 suppressor cells (T8) subset,
 blastogenesis of circulating lymphocytes,
 natural killer-cell
 activity (NK). Chemotaxis proved to be
 enhanced ($p < 0.05$) already at the
 fourth week in Group A as well as in
 Group C; the increase became even
 more marked ($p < 0.001$) at the eighth
 week in subjects belonging to Group
 C. PHI and PHF proved to be enhanced ($p <$
 0.05) at the eighth week in
 subjects of Group A; these increases were
 found to be higher in subjects
 of Group C ($p < 0.001$) already starting
 at the fourth week. Intracellular
 killing was shown to be significantly
 increased ($p < 0.05$) already at the

fourth week in Groups A and C; the
 increase becomes highly significant in
 both groups ($p < 0.001$) at the eighth
 week; however, a significant
 increase ($p < 0.05$) at the eighth week
 was also noticed in the placebo
 group (Group B). The total lymphocytes
 (T3) proved to be increased ($p <$
 0.05) at the fourth week in Group A as
 well as in Group C; at the eighth
 week the enhancement becomes highly
 significant ($p < 0.001$) in both
 groups. The T4 subset was found to be
 increased ($p < 0.05$) at the eighth
 week in Group A; in Group C the rise
 appears already at the fourth week
 and becomes more marked ($p < 0.001$) at
 the eighth week. The T8 subset does
 not appear to be changed in comparison
 with basal values in any case. The
 T4/ T8 ratio shows a significant
 enhancement ($p < 0.05$) only in Group C
 starting at the fourth week.
 Blastogenesis undergoes a significant
 enhancement ($p < 0.05$) at the eighth week
 in Group A, while in Group C
 that rise appears already at the fourth
 week. A stimulation of the
 blastogenesis induced by the mitogen LPS
 appears highly significant ($p <$
 0.001) only in Group C starting at the
 fourth week.

CT Medical Descriptors:
 *immune response
 *immunomodulation
 adult
 article
 chemotaxis
 controlled study
 female
 human
 human experiment
 lymphocyte
 male
 natural killer cell
 normal human
 oral drug administration
 phagocytosis
 priority journal
 Drug Descriptors:
 *ginseng: PD, pharmacology
 *ginseng: CM, drug comparison
 *immunomodulating agent: PD, pharmacology
 *plant extract: PD, pharmacology
 placebo: CM, drug comparison
 CO Pharmaton (Switzerland)

L4 ANSWER 10 OF 15 BIOSIS COPYRIGHT 2003
 BIOLOGICAL ABSTRACTS INC.
 AN 1991:253496 BIOSIS
 DN BA91:134051
 TI IMMUNOMODULATORY EFFECTS OF TWO EXTRACTS
 OF PANAX-GINSENG C. A. MEYER.
 AU SCAGLIONE F; FERRARA F; DUGNANI S; FALCHI
 M; SANTORO G; FRASCHINI F
 CS DEP. PHARMACOL., CHEMOTHERAPY TOXICOL.,
 UNIV. MILAN, MILAN, ITALY.
 SO DRUGS EXP CLIN RES, (1990) 16 (10), 536-
 542.
 CODEN: DECRDP. ISSN: 0378-6501.
 FS BA; OLD

LA English
AB The effect of Panax ***ginseng***
extracts on cell-mediated immune functions in man has been investigated. Three groups, each consisting of twenty healthy volunteers, were treated under conditions of double blindness with capsules containing lactose (Control Group B), with capsules containing 100 mg of ***aqueous*** ***extract*** of the drug (Group A), and with capsules containing 100 mg of standardized ***extract*** of the drug (Group C). All the patients took one capsule every 12 h for 8 weeks. Blood samples were withdrawn before beginning the treatment, at the fourth week and at the eighth week. The immune parameters examined were the following: chemotaxis of PMNs, phagocytosis index (PHI), phagocytosis fraction (PHF), intracellular killing, total lymphocytes (T3), T helper (T4) subset, suppressor cells (T8) subset, blastogenesis of circulating lymphocytes, ***natural*** killer-cell activity (NK). Chemotaxis proved to be enhanced ($p < 0.05$) already at the fourth week in Group A as well as in Group C; the increase became even more marked ($p < 0.001$) at the eighth week in subjects belonging to Group C. PHI and PHF proved to be enhanced ($p < 0.05$) at the eighth week in subjects of Group A: these increases were found to be higher in subjects of Group C ($p < 0.001$) already starting at the fourth week. Intracellular killing was shown to be significantly increased ($p < 0.05$) already at the fourth week in Groups A and C; the increase becomes highly significant in both groups ($p < 0.001$) at the eighth week; however, a significant increase ($p < 0.05$) at the eighth week was also noticed in the placebo group (Group B). The total lymphocytes (T3) proved to be increased ($p < 0.05$) at the fourth week in Group A as well as in Group C; at the eighth week the enhancement becomes highly significant ($p < 0.001$) in both groups. The T4 subset was found to be increased ($p < 0.05$) at the eighth week in Group A; in Group C the rise appears already at the fourth week and becomes more marked ($p < 0.001$) at the eighth week. The T8 subset does not appear to be changed in comparison with basal values in any case. The T4/T8 ratio shows a significant enhancement ($p < 0.05$) only in Group C starting at the fourth week. Blastogenesis undergoes a significant enhancement ($p < 0.05$) at the eighth week in Group A, while in Group C that rise appears already at the fourth week. A stimulation of the blastogenesis induced by the mitogen LPS appears highly significant ($P < 0.001$) only in Group C starting at the

fourth week.
CC Cytology and Cytochemistry - Human
*02508 Biochemical Studies - General 10060
Blood, Blood-Forming Organs and Body Fluids - Lymphatic Tissue and Reticuloendothelial System *15008
Pharmacology - Clinical Pharmacology *22005
Pharmacology - Immunological Processes and Allergy *22018
Immunology and Immunochemistry - Immunopathology, Tissue Immunology *34508
Plant Physiology, Biochemistry and Biophysics - Chemical Constituents 51522
Pharmacognosy and Pharmaceutical Botany 54000
BC Araliaceae 25590
Hominidae 86215
IT Miscellaneous Descriptors HUMAN IMMUNOLOGIC-DRUG
PHARMACODYNAMICS LYMPHOCYTE T-CELLS CD4-T-HELPER
CELLS CD8-T-SUPPRESSOR CELLS NATURAL KILLER CELLS
L4 ANSWER 11 OF 15 BIOSIS COPYRIGHT 2003
BIOLOGICAL ABSTRACTS INC.DUPLICATE
6
AN 1985:345905 BIOSIS
DN BA80:15897
TI IMMUNOMODULATORY EFFECTS OF PANAX-GINSENG IN THE MOUSE.
AU JIE Y H; CAMMISULI S; BAGGIOLINI M
CS LUZHOU MEDICAL COLLEGE, LUZHOU, SICHUAN PROVINCE, PEOPLE'S REPUBLIC OF CHINA.
SO AGENTS ACTIONS, (1984) 15 (3-4), 386-391.
CODEN: AGACBH. ISSN: 0065-4299.
FS BA; OLD
LA English
AB An ***aqueous*** ***extract*** of Panax ***Ginseng*** C.A. Meyer (G.S.) was prepared by boiling crushed G.S. roots in ***water***. The ***extract*** obtained was adjusted to 125 mg G.S./ml and was administered orally to mice for 5 to 6 days at the daily dose of 10, 50 and 250 mg G.S./kg or was added to cultures of mouse spleen cells at 8 mg G.S./ml. The average total ginsenoside content of the G.S. roots used was determined by HPLC [high performance liquid chromatography] analysis and found to be 0.58% (wt/wt). Treated mice responded with enhanced antibody formation to either a primary or a secondary challenge with sheep red cells. The effects were dose-dependent. At the highest dose regimen, the primary IgM response was increased by 50% and the secondary IgG and IgM responses were increased by 50% and 100%, respectively. An even more pronounced effect was obtained with ***natural*** killer cell activity which was enhanced between 44 and 150% depending on the effector-to-target

cell ratios used in the assay. In vitro, G.S. showed 2 main effects, an inhibition of stimulated and spontaneous lymphocyte proliferation of high, but not cytotoxic concentrations and an enhancement of interferon production particularly in non-stimulated spleen cells. The immunostimulating effects obtained in vivo are in agreement with the stimulation of interferon production observed in vitro. The inhibition of lymphocyte proliferation cannot be reconciled with the immunostimulatory action of G.S. observed in vivo.
 CC Cytology and Cytochemistry - Animal *02506
 Biochemical Studies - General 10060
 Biochemical Studies - Proteins, Peptides and Amino Acids 10064
 Biochemical Studies - Carbohydrates 10068
 Pathology, General and Miscellaneous - Therapy *12512
 Blood, Blood-Forming Organs and Body Fluids - Blood Cell Studies *15004
 Blood, Blood-Forming Organs and Body Fluids - Lymphatic Tissue and Reticuloendothelial System *15008
 Dental and Oral Biology - General; Methods 19001
 Pharmacology - Clinical Pharmacology 22005
 Pharmacology - Immunological Processes and Allergy *22018
 Routes of Immunization, Infection and Therapy 22100
 Tissue Culture, Apparatus, Methods and Media 32500
 In Vitro Studies, Cellular and Subcellular 32600
 Immunology and Immunochemistry - General; Methods *34502
 Immunology and Immunochemistry - Immunopathology, Tissue Immunology *34508
 Plant Physiology, Biochemistry and Biophysics - Chemical Constituents 51522
 Pharmacognosy and Pharmaceutical Botany 54000
 BC Araliaceae 25590
 Muridae 86375
 IT Miscellaneous Descriptors
 IMMUNOLOGIC-DRUG INTERFERON NATURAL KILLER CELL ACTIVITY
 L4 ANSWER 12 OF 15 BIOSIS COPYRIGHT 2003
 BIOLOGICAL ABSTRACTS INC.
 AN 1985:309134 BIOSIS
 DN BA79:89130
 TI INFLUENCE OF SOME CHINESE HERBAL DRUGS ON NATURAL KILLER CELL ACTIVITY
 IN-VIVO PRELIMINARY REPORT.
 AU PENG X-E; JUE K; PAN H; PENG R
 CS DEPARTMENT OF PHARMACOLOGY, HUNAN MEDICAL COLLEGE.
 SO BULL HUNAN MED COLL, (1984 (RECD 1985)) 9 (4), 342-344.
 CODEN: HYHPDO. ISSN: 0253-3170.
 FS BA; OLD

LA Chinese
 AB The effects of several Chinese herbal drugs on in vivo ***natural*** killer cell (NK cell) activity were studied in mice. Groups of 5-6 C3H mice of approximately the same age and body weight were used. Various Chinese herbal preparations were administered as follows: decoctions, 1 gm/ml; polysaccharides, 20% solution; saponinoids, 1% solution;
 water soluble portion of tract, 1% solution. For each preparation a daily dose of 0.2 ml/20 gm body weight was given i.p. for 14 successive days, control groups received normal saline. On the day of experimentation 1 times. 106/0.5 ml labeled U14 cells were injected to each mouse i.v.; 1 h later the mouse was killed and the gamma-radiation of lung, liver and spleen was detected, respectively, by gamma scintillation counter. Average values of each group were recorded and compared with that of control group to obtain a T/C [test/control] ratio, which indicated the NK cell activity under the influence of the drugs.
 Polysaccharide of Astragalus, decoctions of Actinidia chinensis and Solanum nigrum significantly augmented the NK activity, while ginsenoside [from Panax ***ginseng***],
 extract from Cimicifuga foetida and PHA [Phytohemagglutinin] slightly augmented the NK activity but were of no statistical significance.
 CC Cytology and Cytochemistry - Animal *02506
 Social Biology; Human Ecology *05500
 Radiation - Radiation and Isotope Techniques 06504
 Biochemical Studies - Proteins, Peptides and Amino Acids 10064
 Biochemical Studies - Carbohydrates 10068
 Biophysics - General Biophysical Techniques 10504
 Metabolism - Carbohydrates *13004
 Metabolism - Proteins, Peptides and Amino Acids *13012
 Digestive System - General; Methods 14001
 Digestive System - Physiology and Biochemistry *14004
 Blood, Blood-Forming Organs and Body Fluids - Lymphatic Tissue and Reticuloendothelial System *15008
 Respiratory System - General; Methods 16001
 Respiratory System - Physiology and Biochemistry *16004
 Pharmacology - Drug Metabolism; Metabolic Stimulators *22003
 Pharmacology - Immunological Processes and Allergy *22018
 Routes of Immunization, Infection and Therapy 22100
 Neoplasms and Neoplastic Agents - Immunology *24003

Immunology and Immunochemistry - General;
 Methods 34502
 Immunology and Immunochemistry -
 Immunopathology, Tissue Immunology
 *34508
 Plant Physiology, Biochemistry and
 Biophysics - Chemical Constituents
 51522
 Pharmacognosy and Pharmaceutical Botany
 *54000
 BC Actinidiaceae 25525
 Leguminosae 26260
 Ranunculaceae 26645
 Solanaceae 26775
 Umbelliferae 26915
 IT Miscellaneous Descriptors
 MOUSE ASTRAGALUS PANAX-GINSENG
 ACTINIDIA-CHINENSIS SOLANUM-NIGRUM
 CIMICIFUGA-FOETIDA FOLK MEDICINE
 DECOCTIONS POLYSACCHARIDES
 SAPONINOSIDES PHYTOHEMAGGLUTININ
 PHARMACOKINETICS LUNG LIVER SPLEEN
 RADIOLABEL

L4 ANSWER 13 OF 15 BIOSIS COPYRIGHT 2003
 BIOLOGICAL ABSTRACTS INC.
 AN 1981:298174 BIOSIS
 DN BA72:83158
 TI PHARMACOLOGICAL ACTIONS OF GINSENG
 SAPONIN IN STRESSED MICE.
 AU KITA T; HATA T; KAWASHIMA Y; KAKU T; ITOH E
 CS DEP. PHARMACOL., FAC. PHARM., KINKI UNIV., HIGASHI-OSSAKA 577, JPN.
 SO J PHARMACOBIO-DYN, (1981) 4 (6), 381-393.
 CODEN: JOPHDQ. ISSN: 0386-846X.
 FS BA; OLD
 LA English
 AB P. ***ginseng*** is an important role in Oriental medicine. Some pharmacological experiments were carried out with pure saponins [ginsenoside (GS)-Rb1, Rb2, Rc, Re and Rg1] ***isolated*** from the P. ***ginseng*** root, a mixture of ***ginseng*** saponins [ginsenoside mixture B (GMB) obtained from the lateral root (Hakumo) and crude ginsenoside K (GSK) obtained from the main root (Hakusan)] and prosapogenins (PSG), partial hydrolysates of Rb1, Rb2, Rc and Rd [20R-PSG, 20S-PSG and .DELTA.20-PSG], by using specific repeatedly cold stressed (SART stressed) mice and in restraint and ***water*** immersion-stressed (RWIS) mice. A single i.p. administration of 10 mg/kg of GS or PSG gave no influence on pentobarbital-induced sleeping in non-stressed mice. The inhibition of a ***natural*** increase in body weight in SART stressed mice was markedly counteracted by administration with a daily dose of 2.5 mg/kg of Rb1, Rc, Re, 20S-PSG or GSK for 5 consecutive days during SART stressing. A single i.p. administration of 10 mg/kg of Rb2, Rc, Re, 20R-PSG or 20S-PSG increased the analgesic index by

the modified Randall-Selitto method and that of 20R-PSG or 20S-PSG decreased the writhing syndrome by the method of acetic acid in non-stressed mice. When SART stressed mice were used as test animals in place of non-stressed mice, the analgesic effect was augmented. Prolonged actions were observed in SART stressed mice administered daily with 5-10 mg/kg of Rb2, Rc, Re, 20R-PSG or 20S-PSG. When analgesic effect was tested 60 min after the last administration by the modified method of Randall-Selitto, almost the same effect as the single administration was obtained. The inhibitory effect on acetic acid writhing of Rb1, Rb2, Re, .DELTA.20-PSG, and GMB, which was ineffective by a single administration, in addition to Rg1, 20R-PSG and 20S-PSG, was observed. The decrease in ACh [acetylcholine] response of the ***isolated*** SART stressed mouse duodenum was inhibited by daily administration of Rb1, Rb2, Rc, Re, 20S-PSG, GMB, and GSK. The increase in ACh response of the ***isolated*** RWIS mouse duodenum was inhibited by 3 pretreatments with Rb1, Re, Rg1, 20S-PSG and GMB, but not with Rb2, Rc, or GSK. The effects of ***ginseng*** saponins may be different from those of saikosaponins. The former compounds have a weak analgesic action, and may improve some symptoms of vegetative stigmatism due to SART stress and RWIS. The classification of GS and PSG based on their actions was attempted.

CC General Biology - Taxonomy, Nomenclature and Terminology 00504
 Comparative Biochemistry, General 10010
 Biochemistry - Physiological Water Studies 10011
 Biochemical Studies - General 10060
 Biochemical Studies - Sterols and Steroids 10067
 Biochemical Studies - Carbohydrates 10068
 External Effects - Temperature as a Primary Variable - Cold 10616
 Chordate Body Regions - Abdomen 11314
 Physiology, General and Miscellaneous - General 12002
 Physiology, General and Miscellaneous - Stress *12008
 Physiology, General and Miscellaneous - Exercise and Physical Therapy 12010
 Movement 12100
 Metabolism - General Metabolism; Metabolic Pathways 13002
 Metabolism - Carbohydrates 13004
 Metabolism - Sterols and Steroids 13008
 Digestive System - Physiology and Biochemistry *14004
 Endocrine System - Neuroendocrinology *17020
 Nervous System - General; Methods 20501

Nervous System - Pathology *20506
 Pharmacology - Drug Metabolism; Metabolic Stimulators *22003
 Pharmacology - Digestive System *22014
 Pharmacology - Endocrine System *22016
 Pharmacology - Neuropharmacology *22024
 Routes of Immunization, Infection and Therapy 22100
 Toxicology - General; Methods and Experimental 22501
 Toxicology - Pharmacological Toxicology 22504
 Temperature: Its Measurement, Effects and Regulation - General Measurement and Methods 23001
 Morphology, Anatomy and Embryology of Plants 51000
 Plant Physiology, Biochemistry and Biophysics - Chemical Constituents 51522
 Pharmacognosy and Pharmaceutical Botany 54000
 BC Araliaceae 25590
 Muridae 86375
 IT Miscellaneous Descriptors
 PANAX-GINSENG ROOT DUODENUM ACETYL
 CHOLINE HORMONE-DRUG HAKUMO HAKUSAN
 SAIKOSAPONIN GINSENOSIDE RB-1
 GINSENOSIDE RB-2 GINSENOSIDE RC
 GINSENOSIDE RE GINSENOSIDE RG-1 20R
 PRO SAPOPENIN 20S PRO SAPOPENIN
 DELTA-20 PRO SAPOPENIN ANALGESIC
 AUTONOMIC-DRUG GASTROINTESTINAL-DRUG
 ACETIC-ACID VEGETATIVE STIGMATISM COLD
 STRESSED WATER IMMERSION
 STRESSED WRITHING SYNDROME
 RN 51-84-3 (ACETYL CHOLINE)
 64-19-7 (ACETIC-ACID).
 11021-13-9 (GINSENOSIDE RB-2)
 11021-14-0 (GINSENOSIDE RC)
 22427-39-0 (GINSENOSIDE RG-1)
 41753-43-9 (GINSENOSIDE RB-1)
 52286-59-6 (GINSENOSIDE RE)

 L4 ANSWER 14 OF 15 BIOSIS COPYRIGHT 2003
 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 7
 AN 1981:134959 BIOSIS
 DN BA71:4951
 TI PHYTOCHEMICAL ANALYSIS OF A STRAIN OF GINSENG ROOT PANAX-GINSENG TISSUE CULTURE AND STANDARDIZATION OF ITS PREPARATIONS.
 AU BUTENKO R G; KRETONOVA T I; SLEPYAN L I;
 MIKHAILOVA N V; VYSOTSKAYA R I
 CS K.A. TIMIRYAZEV INST. PLANT PHYSIOL., MOSCOW, USSR.
 SO RASTIT RESUR, (1979) 15 (3), 356-360.
 CODEN: RRESAS. ISSN: 0033-9946.
 FS BA; OLD
 LA Russian
 AB Triterpenoid glycosides (5.8%) were detected in the biomass of a suspension strain of P. ***ginseng***
 C. A. Mey root tissue culture, cultivated for 20 days; tannin, cardiac and anthraglycosides, flavonoids and alkaloids were not observed. A high percentage of ***water*** - (56.71%) and alcohol-soluble substances (53.8%) was established, along

with substances ***extracted*** with methanol (41.9%). The total ash content (12.8%) exceeded 2-fold that of the ***natural*** root.
 CC Biochemical Methods - Lipids 10056
 Biochemical Methods - Carbohydrates 10058
 Biochemical Studies - General 10060
 Biochemical Studies - Lipids *10066
 Biochemical Studies - Carbohydrates *10068
 Biochemical Studies - Minerals 10069
 Biophysics - Molecular Properties and Macromolecules 10506
 Tissue Culture, Apparatus, Methods and Media 32500
 Morphology, Anatomy and Embryology of Plants 51000
 Plant Physiology, Biochemistry and Biophysics - Growth, Differentiation *51510
 Plant Physiology, Biochemistry and Biophysics - Chemical Constituents *51522
 Plant Physiology, Biochemistry and Biophysics - Apparatus and Methods 51524
 Pharmacognosy and Pharmaceutical Botany *54000
 BC Araliaceae 25590
 IT Miscellaneous Descriptors
 TRI TERPENOID GLYCOSIDE TANNIN
 FLAVANOID ALKALOID

 L4 ANSWER 15 OF 15 CABO COPYRIGHT 2003 CABO
 AN 78:6606 CABO
 DN 770206605
 TI Experimental study of the effect of preparations of bee products on tumorous rats
 AU Valavichyus, Yu. M.; Neshukaitene, K. S.; Valavichene, Ya. V.; Talutite, E. V.; Valavicius, J. M.; Nesukaitiene, K. S.; Valaviciene, J. V.; Talutyte, E. V.
 CS Inst. Biochem., Acad. Sci, Lithuanian SSR, Vilnius, Lithuanian SSR, USSR.
 SO Lietuvos TSR Mokslu Akademijos Darbai, C, (1975) No. 3, pp. 105-110. B.
 DT Journal
 LA Russian
 SL English; Lithuanian
 AB The preparations of bee products were:
 (1) a 6.7% solution of propolis ***extract*** in macerated pollen;
 (2) a 16.7% ***aqueous*** solution of royal jelly supplemented by 4% propolis ***extract*** ; (3) a mixture of macerated pollen, (***natural***) honey and ***ginseng*** honey in the proportions 4 : 1 : 1 ; (4), a mixture of (1), (2) and (3) in the proportions 8 : 1 : 15. Tumours in rats injected with preparations (1), (2), (3) and (4) weighed 8.3%, 5%, 8.3% and 1.4-16.8% less, respectively, than tumours in untreated rats. Preparations (1), (2) and (3) increased the haemoglobin content of the blood by

7.1-16.2%. All preparations decreased K,
Ca and Li in the blood by 17-52%.

J.P. Harding

CC SS100 Agricultural Products (Animal);
QQ070 Other Produce

BT Hymenoptera; insects; arthropods;
invertebrates; animals

CT products; honey; properties; tumours;
zoology

ST general; other than honey and wax

ORGN Apidae

=>
Connection closed by remote host

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NEWS 1 Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
valid saved answer sets no longer
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter (PHARMAML)
- new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded

NEWS 22 Aug 26 Sequence searching in
REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and
enhanced
NEWS 24 Sep 16 Experimental properties
added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus
available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with
Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search
fields
NEWS 29 Oct 24 Nutraceuticals International
(NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October
8, 2002
NEWS 31 Nov 18 DKILIT has been renamed
APOLLIT
NEWS 32 Nov 25 More calculated properties
added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from
STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT
Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with
additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight
now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-
1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free
connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free
connect hour in February 2003

NEWS EXPRESS January 6 CURRENT WINDOWS
VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS
V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS
DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help
Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and
Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site
(general information)

Enter NEWS followed by the item number or name
to see news on that
specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * *

FILE 'HOME' ENTERED AT 11:08:52 ON 28 JAN 2003

=> fil biosis medline caplus prompt

'PROMPT' IS NOT A VALID FILE NAME
Enter "HELP FILE NAMES" at an arrow prompt
(=>) for a list of files
that are available. If you have requested
multiple files, you can
specify a corrected file name or you can enter
"IGNORE" to continue
accessing the remaining file names entered.
ENTER A FILE NAME OR (IGNORE):prompt

COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
0.42 0.42

FILE 'BIOSIS' ENTERED AT 11:10:06 ON 28 JAN
2003

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INC. (R)

FILE 'MEDLINE' ENTERED AT 11:10:06 ON 28 JAN
2003

FILE 'CAPLUS' ENTERED AT 11:10:06 ON 28 JAN
2003
USE IS SUBJECT TO THE TERMS OF YOUR STN
CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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(ACS)

FILE 'PROMT' ENTERED AT 11:10:06 ON 28 JAN
2003

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reserved.

=> s (lycii fruct? or l.fruct?)

L1 433 (LYCII FRUCT? OR L.FRUCT?)

=> s angelic? gigant? or a.gigant?

L2 1857 ANGELIC? GIGANT? OR A.GIGANT?

=> s cnidi? rhizom? or c.rhizom?

L3 162 CNIDI? RHIZOM? OR C.RHIZOM?

=> 1 and 2 and 3

2 FILES SEARCHED...

L4 5395860 1 AND 2 AND 3

=> s 11 and 12 and 13

L5 1 L1 AND L2 AND L3

=> s 15 and ginseng

L6 0 L5 AND GINSENG

=> d 15 all

L5 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003
BIOLOGICAL ABSTRACTS INC.
AN 1995:298783 BIOSIS
DN PREV199598313083
TI Survey on the natural content of heavy
metal in medicinal herbs and their
cultivated soils in Korea.
AU Kim, Bok-Young (1); Kim, Kyu-Sik (1);
Lee, Jong-Sik (1); Yoo, Sun-Ho
CS (1) Agric. Sci. Inst., RDA, Suwon South
Korea
SO RDA Journal of Agricultural Science Soil
& Fertilizer, (1994) Vol. 36, No.
2, pp. 310-320.
DT Article
LA Korean
SL Korean; English
CC Biochemical Studies - Minerals *10069
Toxicology - General; Methods and
Experimental *22501
Plant Physiology, Biochemistry and
Biophysics - Chemical Constituents
*51522
Soil Science - Fertility and Applied
Studies *52807
Horticulture - General; Miscellaneous and
Mixed Crops *53012
Pharmacognosy and Pharmaceutical Botany
*54000
BC Dioscoreaceae 25285
Campanulaceae 25730
Cornaceae 25860
Leguminosae 26260
Paeoniaceae 26505
Solanaceae 26775
Umbelliferae *26915
IT Major Concepts
Biochemistry and Molecular Biophysics;
Horticulture (Agriculture);
Pharmacognosy (Pharmacology); Soil
Science; Toxicology
IT Chemicals & Biochemicals
CADMIUM; COPPER; LEAD; ZINC; CHROMIUM;
NICKEL; ARSENIC
IT Miscellaneous Descriptors
ANGELICAE ***GIGANTIS***
RADIX; ARSENIC; ASTRAGALI-RADIX;
BUPLEURI RADIX; CADMIUM; CHROMIUM;
CNIDI ***RHIZOMA***;
CODONOPSIS RADIX; COPPER; CORNI
FRUCTUS; DIOSCOREAE RHIZOMA; LEAD;
LYCII ***FRUCTUS***;
NICKEL; PAEONIAE RADIX; PEucedani
RADIX; PLATYCODI RADIX; ZINC
ORGN Super Taxa
Campanulaceae: Dicotyledones,
Angiospermae, Spermatophyta, Plantae;
Cornaceae: Dicotyledones,
Angiospermae, Spermatophyta, Plantae;
Dioscoreaceae: Monocotyledones,
Angiospermae, Spermatophyta, Plantae;
Leguminosae: Dicotyledones,
Angiospermae, Spermatophyta, Plantae;
Paeoniaceae: Dicotyledones,
Angiospermae, Spermatophyta, Plantae;
Solanaceae: Dicotyledones,
Angiospermae, Spermatophyta, Plantae;
Umbelliferae: Dicotyledones,
Angiospermae, Spermatophyta, Plantae

ORGN Organism Name
 Campanulaceae (Campanulaceae);
 Cornaceae (Cornaceae); Dioscoreaceae
 (Dioscoreaceae); Leguminosae
 (Leguminosae); Paeoniaceae (Paeoniaceae);
 Solanaceae (Solanaceae); Umbelliferae
 (Umbelliferae)
 ORGN Organism Superterms
 angiosperms; dicots; monocots; plants;
 spermatophytes; vascular plants
 RN 7440-43-9 (CADMIUM)
 7440-50-8 (COPPER)
 7439-92-1 (LEAD)
 7440-66-6 (ZINC)
 7440-47-3 (CHROMIUM)
 7440-02-0 (NICKEL)
 7440-38-2 (ARSENIC)

 => index bioscience

 FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
 COST IN U.S. DOLLARS
 SINCE FILE TOTAL

 ENTRY SESSION
 FULL ESTIMATED COST
 50.23 50.65

 INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
 AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
 BIOCOMMERCE, BIOSIS, BIOTECHABS,
 BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
 CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
 CROPB, CROPU, DDFB, DDFU, DGENE,
 DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
 ENTERED AT 11:28:10 ON 28 JAN 2003

 64 FILES IN THE FILE LIST IN STNINDEX

 Enter SET DETAIL ON to see search term
 postings or to view
 search error messages that display as 0* with
 SET DETAIL OFF.

 => s cnidi? (2a) rhizom? or c.rhizom? or
 cnidi?

 2 FILE ADISCTI
 1 FILE ADISNEWS
 30 FILE AGRICOLA
 18 FILE ANABSTR
 5 FILE AQUASCI
 22 FILE BIOBUSINESS
 249 FILE BIOSIS
 16 FILE BIOTECHABS
 16 FILE BIOTECHDS
 14 FILE BIOTECHNO
 138 FILE CABA
 11 FILE CANCERLIT
 398 FILE CAPLUS
 3 FILE CONFSCI
 15 FILE CROPU
 16 FILE DDFB
 108 FILE DDFU

 23 FILES SEARCHED...
 16 FILE DRUGB
 96 FILE DRUGLAUNCH
 318 FILE DRUGMONOG2
 119 FILE DRUGU
 1 FILE EMBAL

 126 FILE EMBASE
 32 FILE ESBIOWBASE
 1 FILE FEDRIP
 6 FILE FROSTI
 7 FILE FSTA
 53 FILE GENBANK
 1 FILE HEALSAFE
 21 FILE IFIPAT
 111 FILE JICST-EPLUS
 2 FILE KOSMET
 19 FILE LIFESCI

 44 FILES SEARCHED...
 87 FILE MEDLINE
 1 FILE OCEAN
 71 FILE PASCAL
 6 FILE PROMT
 104 FILE SCISEARCH
 119 FILE TOXCENTER
 106 FILE USPATFULL
 3 FILE USPAT2
 456 FILE WPIDS

 63 FILES SEARCHED...
 456 FILE WPINDEX

 43 FILES HAVE ONE OR MORE ANSWERS, 64
 FILES SEARCHED IN STNINDEX

 L7 QUE CNIDI? (2A) RHIZOM? OR C.RHIZOM? OR
 CNIDI?

 => s angelic? (2a) gigant? or a.gigant?

 1 FILE ADISNEWS
 13 FILE AGRICOLA
 47 FILE AQUASCI
 8 FILE BIOBUSINESS
 1 FILE BIOCOMMERCE
 185 FILE BIOSIS
 1 FILE BIOTECHABS
 1 FILE BIOTECHDS

 11 FILES SEARCHED...
 25 FILE BIOTECHNO
 166 FILE CABA
 42 FILE CANCERLIT
 265 FILE CAPLUS
 6 FILE CEABA-VTB
 14 FILE CEN
 30 FILE CIN
 4 FILE CONFSCI

 20 FILES SEARCHED...
 5 FILE CROPU
 2 FILE DDFU
 22 FILE DGENE

 24 FILES SEARCHED...
 90 FILE DRUGLAUNCH
 5 FILE DRUGU
 1 FILE DRUGUPDATES
 98 FILE EMBASE
 25 FILE ESBIOWBASE

 33 FILES SEARCHED...
 3 FILE FEDRIP
 3 FILE FROSTI
 3 FILE FSTA
 4 FILE GENBANK
 3 FILE HEALSAFE
 83 FILE IFIPAT
 90 FILE JICST-EPLUS
 36 FILE LIFESCI
 123 FILE MEDLINE

 47 FILES SEARCHED...
 24 FILE NTIS

```

14 FILE OCEAN
78 FILE PASCAL
50 FILES SEARCHED...
4 FILE PHARMAML
14 FILE PHIN
1285 FILE PROMT
139 FILE SCISEARCH
46 FILE TOXCENTER
232 FILE USPATFULL

59 FILES SEARCHED...
5 FILE USPAT2
307 FILE WPIDS
307 FILE WPINDEX

45 FILES HAVE ONE OR MORE ANSWERS, 64
FILES SEARCHED IN STNINDEX

L8 QUE ANGELIC? (2A) GIGANT? OR A.GIGANT?

=> s lyci? (2a) fruct? or l.fruct?

11 FILE ADISCTI
1 FILE ADISNEWS
19 FILE AGRICOLA
9 FILE ANABSTR
22 FILE BIOBUSINESS
132 FILE BIOSIS
104 FILE BIOTECHABS
104 FILE BIOTECHDS
18 FILE BIOTECHNO
42 FILE CABA
1 FILE CANCERLIT
287 FILE CAPLUS
14 FILE CEABA-VTB
1 FILE CIN
1 FILE CONFSCI
2 FILE CROPU
1 FILE DDFB
7 FILE DDFU

24 FILES SEARCHED...
1 FILE DRUGB
10 FILE DRUGLAUNCH
21 FILE DRUGU
71 FILE EMBASE
30 FILE ESBIOBASE
1 FILE FEDRIP
29 FILE FROSTI
75 FILE FSTA
26 FILE GENBANK
45 FILE IFIPAT
25 FILE JICST-EPLUS
28 FILE LIFESCI
66 FILE MEDLINE
3 FILE NTIS

49 FILES SEARCHED...
50 FILE PASCAL
1 FILE PHAR
9 FILE PROMT
75 FILE SCISEARCH
49 FILE TOXCENTER
231 FILE USPATFULL
3 FILE USPAT2
3 FILE VETU
130 FILE WPIDS
130 FILE WPINDEX

42 FILES HAVE ONE OR MORE ANSWERS, 64
FILES SEARCHED IN STNINDEX

L9 QUE LYCI? (2A) FRUCT? OR L.FRUCT?

```

```

=> s ginseng? or (acanthopanax? (2a) cortex?)

87 FILE ADISCTI
12 FILE ADISINSIGHT
43 FILE ADISNEWS
857 FILE AGRICOLA
203 FILE ANABSTR
12 FILE AQUASCI
608 FILE BIOBUSINESS
31 FILE BIOCOMMERCE
2729 FILE BIOSIS
330 FILE BIOTECHABS
330 FILE BIOTECHDS
235 FILE BIOTECHNO
1518 FILE CABA
215 FILE CANCERLIT
4798 FILE CAPLUS
37 FILE CEABA-VTB
6 FILE CEN
64 FILE CIN
89 FILE CONFSCI
10 FILE CROPB
94 FILE CROPU
179 FILE DDFB
808 FILE DDFU
95 FILE DGENE
179 FILE DRUGB
876 FILE DRUGLAUNCH
2094 FILE DRUGMONOG2
3 FILE DRUGNL
856 FILE DRUGU
3 FILE DRUGUPDATES
26 FILE EMBAL
2025 FILE EMBASE
513 FILE ESBIOBASE
32 FILE FEDRIP

34 FILES SEARCHED...
79 FILE FOMAD
5 FILE FOREGE
397 FILE FROSTI
356 FILE FSTA
325 FILE GENBANK
8 FILE HEALSAFE
234 FILE IFIPAT
1173 FILE JICST-EPLUS
25 FILE KOSMET
219 FILE LIFESCI
1 FILE MEDICONF
1336 FILE MEDLINE
4 FILE NIOSHTIC
60 FILE NTIS
917 FILE PASCAL
6 FILE PHAR
7 FILE PHARMAML
71 FILE PHIN
4222 FILE PROMT
1821 FILE SCISEARCH
1326 FILE TOXCENTER
1055 FILE USPATFULL
39 FILE USPAT2
4 FILE VETB
11 FILE VETU
3643 FILE WPIDS
3643 FILE WPINDEX

61 FILES HAVE ONE OR MORE ANSWERS, 64
FILES SEARCHED IN STNINDEX

L10 QUE GINSENG? OR (ACANTHOPANAC? (2A)
CORTEX?)

```

=> s 110 and 19 and 18 and 17

5 FILES SEARCHED...
12 FILES SEARCHED...
23 FILES SEARCHED...
32 FILES SEARCHED...
39 FILES SEARCHED...
 1 FILE IFIPAT
48 FILES SEARCHED...
50 FILES SEARCHED...
58 FILES SEARCHED...
 2 FILE USPATFULL
59 FILES SEARCHED...
 2 FILE WPIDS
63 FILES SEARCHED...
 2 FILE WPINDEX

4 FILES HAVE ONE OR MORE ANSWERS, 64
FILES SEARCHED IN STNINDEX

L11 QUE L10 AND L9 AND L8 AND L7

=> d rank

| | | |
|----|---|-----------|
| F1 | 2 | USPATFULL |
| F2 | 2 | WPIDS |
| F3 | 2 | WPINDEX |
| F4 | 1 | IFIPAT |

=> d his

(FILE 'HOME' ENTERED AT 11:08:52 ON 28
JAN 2003)

FILE 'BIOSIS, MEDLINE, CAPLUS, PROMT'
ENTERED AT 11:10:06 ON 28 JAN 2003
L1 433 S (LYCII FRUCT? OR L.FRUCT?)
L2 1857 S ANGELIC? GIGANT? OR
A.GIGANT?
L3 162 S CNIDI? RHIZOM? OR C.RHIZOM?
L4 5395860 1 AND 2 AND 3
L5 1 S L1 AND L2 AND L3
L6 0 S L5 AND GINSENG

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS,
BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN,
CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH,
DRUGMONOG2, ...' ENTERED AT 11:28:10 ON
28 JAN 2003

SEA CNIDI? (2A) RHIZOM? OR
C.RHIZOM? OR CNIDI?

2 FILE ADISCTI
1 FILE ADISNEWS
30 FILE AGRICOLA
18 FILE ANABSTR
5 FILE AQUASCI
22 FILE BIOBUSINESS
249 FILE BIOSIS
16 FILE BIOTECHABS
16 FILE BIOTECHDS
14 FILE BIOTECHNO
138 FILE CABA
11 FILE CANCERLIT
398 FILE CAPLUS

3 FILE CONFSCI
15 FILE CROPU
16 FILE DDFB
108 FILE DDFU
16 FILE DRUGB
96 FILE DRUGLAUNCH
318 FILE DRUGMONOG2
119 FILE DRUGU
1 FILE EMBAL
126 FILE EMBASE
32 FILE ESBIOBASE
1 FILE FEDRIP
6 FILE FROSTI
7 FILE FSTA
53 FILE GENBANK
1 FILE HEALSAFE
21 FILE IFIPAT
111 FILE JICST-EPLUS
2 FILE KOSMET
19 FILE LIFESCI
87 FILE MEDLINE
1 FILE OCEAN
71 FILE PASCAL
6 FILE PROMT
104 FILE SCISEARCH
119 FILE TOXCENTER
106 FILE USPATFULL
3 FILE USPAT2
456 FILE WPIDS
456 FILE WPINDEX

L7 QUE CNIDI? (2A) RHIZOM? OR
C.RHIZOM? OR CNIDI?

A.GIGANT?

1 FILE ADISNEWS
13 FILE AGRICOLA
47 FILE AQUASCI
8 FILE BIOBUSINESS
1 FILE BIOCOMMERCE
185 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
25 FILE BIOTECHNO
166 FILE CABA
42 FILE CANCERLIT
265 FILE CAPLUS
6 FILE CEABA-VTB
14 FILE CEN
30 FILE CIN
4 FILE CONFSCI
5 FILE CROPU
2 FILE DDFU
22 FILE DGENE
90 FILE DRUGLAUNCH
5 FILE DRUGU
1 FILE DRUGUPDATES
98 FILE EMBASE
25 FILE ESBIOBASE
3 FILE FEDRIP
3 FILE FROSTI
3 FILE FSTA
4 FILE GENBANK
3 FILE HEALSAFE
83 FILE IFIPAT
90 FILE JICST-EPLUS
36 FILE LIFESCI
123 FILE MEDLINE
24 FILE NTIS
14 FILE OCEAN

| | | | |
|---------------------------------|------------------------------|---------------------------------|------------------|
| 78 | FILE PASCAL | 31 | FILE BIOCOMMERCE |
| 4 | FILE PHARMAML | 2729 | FILE BIOSIS |
| 14 | FILE PHIN | 330 | FILE BIOTECHABS |
| 1285 | FILE PROMT | 330 | FILE BIOTECHDS |
| 139 | FILE SCISEARCH | 235 | FILE BIOTECHNO |
| 46 | FILE TOXCENTER | 1518 | FILE CABA |
| 232 | FILE USPATFULL | 215 | FILE CANCERLIT |
| 5 | FILE USPAT2 | 4798 | FILE CAPLUS |
| 307 | FILE WPIDS | 37 | FILE CEABA-VTB |
| 307 | FILE WPINDEX | 6 | FILE CEN |
| L8 | QUE ANGELIC? (2A) GIGANT? OR | 64 | FILE CIN |
| A.GIGANT? | | 89 | FILE CONFSCI |
| ----- | | | |
| | SEA LYCI? (2A) FRUCT? OR | 10 | FILE CROPB |
| L.FRUCT? | | 94 | FILE CROPU |
| ----- | | | |
| 11 | FILE ADISCTI | 179 | FILE DDFB |
| 1 | FILE ADISNEWS | 808 | FILE DDFU |
| 19 | FILE AGRICOLA | 95 | FILE DGENE |
| 9 | FILE ANABSTR | 179 | FILE DRUGB |
| 22 | FILE BIOBUSINESS | 876 | FILE DRUGLAUNCH |
| 132 | FILE BIOSIS | 2094 | FILE DRUGMONOG2 |
| 104 | FILE BIOTECHABS | 3 | FILE DRUGNL |
| 104 | FILE BIOTECHDS | 856 | FILE DRUGU |
| 18 | FILE BIOTECHNO | 3 | FILE DRUGUPDATES |
| 42 | FILE CABA | 26 | FILE EMBAL |
| 1 | FILE CANCERLIT | 2025 | FILE EMBASE |
| 287 | FILE CAPLUS | 513 | FILE ESBIOBASE |
| 14 | FILE CEABA-VTB | 32 | FILE FEDRIP |
| 1 | FILE CIN | 79 | FILE FOMAD |
| 1 | FILE CONFSCI | 5 | FILE FOREGE |
| 2 | FILE CROPU | 397 | FILE FROSTI |
| 1 | FILE DDFB | 356 | FILE FSTA |
| 7 | FILE DDFU | 325 | FILE GENBANK |
| 1 | FILE DRUGB | 8 | FILE HEALSAFE |
| 10 | FILE DRUGLAUNCH | 234 | FILE IFIPAT |
| 21 | FILE DRUGU | 1173 | FILE JICST-EPLUS |
| 71 | FILE EMBASE | 25 | FILE KOSMET |
| 30 | FILE ESBIOBASE | 219 | FILE LIFESCI |
| 1 | FILE FEDRIP | 1 | FILE MEDICONF |
| 29 | FILE FROSTI | 1336 | FILE MEDLINE |
| 75 | FILE FSTA | 4 | FILE NIOSHTIC |
| 26 | FILE GENBANK | 60 | FILE NTIS |
| 45 | FILE IFIPAT | 917 | FILE PASCAL |
| 25 | FILE JICST-EPLUS | 6 | FILE PHAR |
| 28 | FILE LIFESCI | 7 | FILE PHARMAML |
| 66 | FILE MEDLINE | 71 | FILE PHIN |
| 3 | FILE NTIS | 4222 | FILE PROMT |
| 50 | FILE PASCAL | 1821 | FILE SCISEARCH |
| 1 | FILE PHAR | 1326 | FILE TOXCENTER |
| 9 | FILE PROMT | 1055 | FILE USPATFULL |
| 75 | FILE SCISEARCH | 39 | FILE USPAT2 |
| 49 | FILE TOXCENTER | 4 | FILE VETB |
| 231 | FILE USPATFULL | 11 | FILE VETU |
| 3 | FILE USPAT2 | 3643 | FILE WPIDS |
| 3 | FILE VETU | 3643 | FILE WPINDEX |
| 130 | FILE WPIDS | QUE GINSENG? OR (ACANTHOPANAC?) | |
| 130 | FILE WPINDEX | L10 | (2A) CORTEX?) |
| ----- | | | |
| L9 | QUE LYCI? (2A) FRUCT? OR | SEA L10 AND L9 AND L8 AND L7 | |
| L.FRUCT? | | ----- | |
| ----- | | | |
| SEA GINSENG? OR (ACANTHOPANAC?) | | | |
| (2A) CORTEX?) | | | |
| ----- | | | |
| 87 | FILE ADISCTI | 1 | FILE IFIPAT |
| 12 | FILE ADISINSIGHT | 2 | FILE USPATFULL |
| 43 | FILE ADISNEWS | 2 | FILE WPIDS |
| 857 | FILE AGRICOLA | 2 | FILE WPINDEX |
| 203 | FILE ANABSTR | QUE L10 AND L9 AND L8 AND L7 | |
| 12 | FILE AQUASCI | ----- | |
| 608 | FILE BIOBUSINESS | => | |
| ----- | | | |
| ---Logging off of STN--- | | | |

=>
Executing the logoff script...

$\Rightarrow \log x$

**COST IN U.S. DOLLARS
SINCE FILE TOTAL**

| | |
|---------------------|---------|
| ENTRY | SESSION |
| FULL ESTIMATED COST | |
| 18.15 | 68.80 |

STN INTERNATIONAL LOGOFF AT 11:47:53 ON 28 JAN
2003

Welcome to STN International! Enter x:x

LOGINID: ssspta1651pxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIEKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003

NEWS EXPRESS January 6 CURRENT WINDOWS
VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS
V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS
DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help
Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and
Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site
(general information)

Enter NEWS followed by the item number or name
to see news on that
specific topic.

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* STN Columbus * *

FILE 'HOME' ENTERED AT 12:12:28 ON 28 JAN 2003

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
0.21 0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS,
AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHABS,
BIOTECHDHS, BIOTECHNO, CABAB, CANCERLIT,
CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI,
CROPB, CROPU, DDFB, DDFU, DGENE,
DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'
ENTERED AT 12:12:44 ON 28 JAN 2003

64 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term
postings or to view
search error messages that display as 0* with
SET DETAIL OFF.

=> s wild (2a) ginseng? (4a) (prefer? or
better or superior? or increase? or ideal?)

13 FILES SEARCHED...
24 FILES SEARCHED...
33 FILES SEARCHED...
44 FILES SEARCHED...
55 FILES SEARCHED...
60 FILES SEARCHED...
61 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 64
FILES SEARCHED IN STNINDEX

L1 QUE WILD (2A) GINSENG? (4A) (PREFER? OR
BETTER OR SUPERIOR? OR INCREASE? O
R IDEAL?)

=> s wild (2a) ginseng? (6a) (prefer? or
better or superior? or increase? or ideal?)

13 FILES SEARCHED...
32 FILES SEARCHED...
46 FILES SEARCHED...
55 FILES SEARCHED...
1 FILE USPATFULL
60 FILES SEARCHED...

1 FILES HAVE ONE OR MORE ANSWERS, 64
FILES SEARCHED IN STNINDEX

L2 QUE WILD (2A) GINSENG? (6A) (PREFER? OR
BETTER OR SUPERIOR? OR INCREASE? O
R IDEAL?)

=>
Connection closed by remote host

Welcome to STN International! Enter x:x

LOGINID:ssspta1651pxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * * * * * Welcome to STN
International * * * * * * * * * * * * * * *

NEWS 1 Web Page URLs for STN
Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help
around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and
Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications
available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com
available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now
available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress
(FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for
search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains
STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28,
2002; saved answer sets no longer
valid
NEWS 14 Jul 29 Enhanced polymer searching
in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from
STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter (PHARMML)
- new on STN
NEWS 18 Aug 08 NTIS has been reloaded and
enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information
Retrieval (AQUIRE) now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB
have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of
TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in
REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and
enhanced
NEWS 24 Sep 16 Experimental properties
added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus
available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with
Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search
fields
NEWS 29 Oct 24 Nutraceuticals International
(NUTRACEUT) now available on STN

NEWS 30 Oct 25 MEDLINE SDI run of October
8, 2002

NEWS 31 Nov 18 DKILIT has been renamed
APOLLIT

NEWS 32 Nov 25 More calculated properties
added to REGISTRY

NEWS 33 Dec 02 TIBKAT will be removed from
STN

NEWS 34 Dec 04 CSA files on STN

NEWS 35 Dec 17 PCTFULL now covers WP/PCT
Applications from 1978 to date

NEWS 36 Dec 17 TOXCENTER enhanced with
additional content

NEWS 37 Dec 17 Adis Clinical Trials Insight
now available on STN

NEWS 38 Dec 30 ISMEC no longer available

NEWS 39 Jan 13 Indexing added to some pre-
1967 records in CA/CAPLUS

NEWS 40 Jan 21 NUTRACEUT offering one free
connect hour in February 2003

NEWS 41 Jan 21 PHARMAML offering one free
connect hour in February 2003

NEWS 42 Jan 29 Simultaneous left and right
truncation added to COMPENDEX,
ENERGY, INSPEC

NEWS EXPRESS January 6 CURRENT WINDOWS
VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS
V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS
DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help
Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and
Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site
(general information)

Enter NEWS followed by the item number or name
to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * *

FILE 'HOME' ENTERED AT 16:58:41 ON 30 JAN 2003

=> fil reg

COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST
0.21 0.21

FILE 'REGISTRY' ENTERED AT 16:58:46 ON 30 JAN
2003

USE IS SUBJECT TO THE TERMS OF YOUR STN
CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 JAN 2003 HIGHEST
RN 483275-57-6
DICTIONARY FILE UPDATES: 29 JAN 2003 HIGHEST
RN 483275-57-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20,
2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See
HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e maltodextrin/cn

=> s e3

L1 1 MALTODEXTRIN/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003

ACS

RN 9050-36-6 REGISTRY

CN ***Maltodextrin (9CI)*** (CA INDEX
NAME)

OTHER NAMES:

CN C*De Light 01970

CN C*deLight F 01970

CN C*deLight MD 01970

CN C-PUR 01915

CN Cerestar C*PUR 01915

CN Cerestar PUR 01915

CN DE 2

CN Dextrin, malto

CN Dry Sweet

CN Fibersol 2(E)

CN Foodtex

CN Frodex 10

CN Frodex 20

CN Glucidex 12

CN Glucidex 17

CN Glucidex 19

CN Glucidex 19FD

CN Glucidex 2

CN Glucidex 21

CN Glucidex 2B

CN Glucidex 6

CN Instant N-Oil II

CN Lodex 10

CN Lodex 5

CN Lycadex 100

CN Lycadex 200

CN M 01960

CN M 040

CN Maldex 15

CN Maldex 150

CN Maldex 20

CN Maldex 30

CN Malta-Gran 10

CN Malta-Gran TG

CN Maltiva

CN Maltodextrin 19

CN Maltodextrin 24DE

CN Maltodextrin I

CN Maltrin

CN Maltrin 040

CN Maltrin 100

CN Maltrin 150

CN Maltrin 250

CN Maltrin 255

CN Maltrin 365

CN Maltrin M 040

CN Maltrin M 100

CN Maltrin M 150

CN Maltrin M 180

CN Maltrin M 250

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT

- Use FCN, FIDE, or ALL for

DISPLAY

DR 126776-44-1, 126776-45-2, 127120-90-5,

54077-26-8, 104859-39-4,

104859-43-0, 104859-45-2, 104859-47-4,

104859-49-6, 104859-62-3,

104859-75-8, 61008-41-1, 89750-26-5,

87090-11-7, 39283-25-5, 52769-80-9,

216252-89-0, 220857-34-1

MF Unspecified

CI PMS, COM, MAN

PCT Manual registration

LC STN Files: AGRICOLA, ANABSTR,

BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABAB,

CANCERLIT, CAPLUS, CASREACT, CBNB, CEN,

CHEMCATS, CHEMLIST, CIN, CSChem,

DDFU, DETHERM*, DRUGU, EMBASE, IFICDB,

IFIPAT, IFIUDB, IPA, MEDLINE,

MSDS-OHS, PIRA, PROMT, TOXCENTER,

USPAT2, USPATFULL

(*File contains numerically
searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date
regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2303 REFERENCES IN FILE CA (1962

TO DATE)

107 REFERENCES TO NON-SPECIFIC

DERIVATIVES IN FILE CA

2310 REFERENCES IN FILE CAPLUS

(1962 TO DATE)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

9.10 9.31

Connection closed by remote host